

Organic Gas Speciation Profile for Gasoline-Powered Vehicles Diurnal Evaporations—E10 Summer Fuel (OG2317)

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1 Introduction

Diurnal evaporative losses are generated from non-operating vehicles as a result of the vehicle's fuel heating and volatilizing during the diurnal ambient temperature cycle. This work addresses the development of the new organic gas speciation profile, OG2317, for diurnal evaporations from gasoline-powered vehicles running on summer-grade E10 (10% vol ethanol) fuel.

This profile was created based on the diurnal SHED (Sealed Housing for Evaporative Determination) testing data, which were collected as a part of the 19th CARB Vehicle Surveillance Program (VSP-19) in 2013 and 2014 at the Haagen-Smit Laboratory in El Monte, California. The new profile OG2317 will replace the current profile OG691 (summer-grade E10 headspace vapor profile) to characterize the chemical composition of diurnal evaporative emissions for 2010 and later years when E10 is in use in California. Resting losses occur while the vehicle is sitting and are caused by fuel permeation through rubber and plastic components. Because no source testing data are available for resting losses, the new diurnal profile OG2317 will be used for the categories of resting losses as well [1, 2] (Appendix 1).

2 Methodology

The VSP-19 was conducted by CARB staff in order to measure criteria pollutant emissions and speciated TOG emissions for in-use California light-duty vehicles after the transition from E6 to E10 fuels in 2013 and 2014. Twenty vehicles fueled with summer-grade E10 gasoline were randomly selected for the SHED tests (Appendix 2). The 24-hour diurnal test were performed using a 65-105-65°F temperature profile [3].

Methane was measured using flame ionization detection (FID) (MLD Method 119) [4]. C₂-C₁₂ hydrocarbons collected in Tedlar bags from the SHED were analyzed using gas chromatography (GC) (MLD Methods 1002/1003) [5, 6]. Methanol and ethanol were collected by flowing gas samples through cold deionized water contained in glass impingers. The solutions were analyzed using gas chromatography (MLD Method 1001) [7]. Over one hundred organic compounds were identified in the diurnal samples.

The speciation profile for each test vehicle was obtained by dividing the emission of each species by the total emissions of all quantified compounds. The new diurnal profile OG2317 was composited by averaging the 20 speciation profiles developed from individual tests of vehicles running on summer-grade E10 fuel.

3 Results

The details of profile OG2317 are presented in Appendix 3. The ratio of TOG/THC (total organic gases/total hydrocarbon) calculated from the profile is 1.077. Laboratories commonly measure THC using FID rather than TOG directly for combustion and evaporative emissions, and this ratio can be used to convert THC emission mass to actual weight TOG. The ROG/TOG (reactive organic gases/total organic gases) ratio calculated from the profile is 0.8760.

- **E10 summer diurnal profile (OG2317) vs. E6 summer diurnal profile (OG2307)**

The most abundant species is ethanol in both diurnal profiles (Figure 1). The new E10 diurnal profile (OG2317) has a much higher ethanol percentage than the E6 profile (OG2307): 36.2% vs. 25.1%. The content of methane is higher in the E10 profile as well. However, the weight percentages of toluene and n-butane are lower in the E10 profile than in the E6 profile.

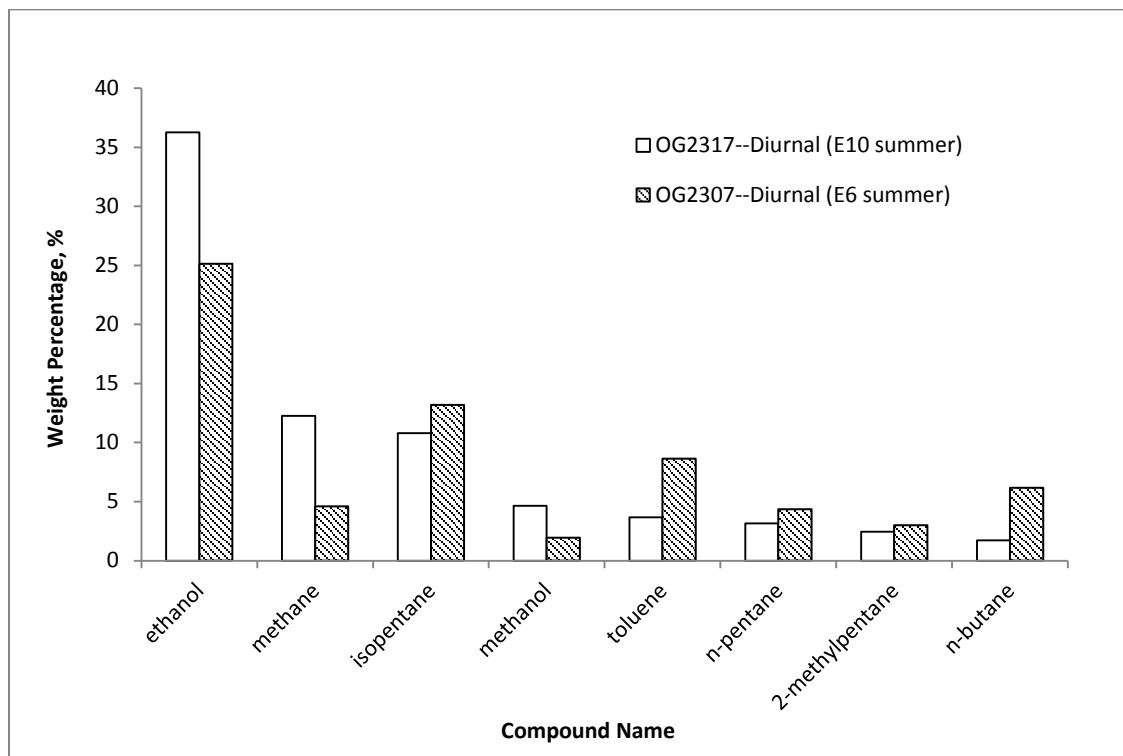


Figure 1. Profile comparison of selected species for OG2317 and OG2307

- **New E10 summer diurnal profile (OG2317) vs. current E10 summer headspace vapor profile (OG691)**

As mentioned previously, the categories of diurnal evaporations and resting losses are associated with the E10 headspace vapor profile OG691 for 2010 and later years. Compared with the headspace vapor profile (OG691), the diurnal profile (OG2317) has much higher alcohol contents: 36.2% vs. 9.3% for ethanol, and 4.6% vs. 0 for methanol. In addition, the diurnal profile consists of 12.3% of methane while none is reported in the headspace vapor profile. In contrast, the diurnal profile contains a much lower percentage of paraffin (C>2) compounds than

the headspace vapor profile, for example, isopentane is only 10.8% of TOG in OG2317 but almost 30% of TOG in OG691.

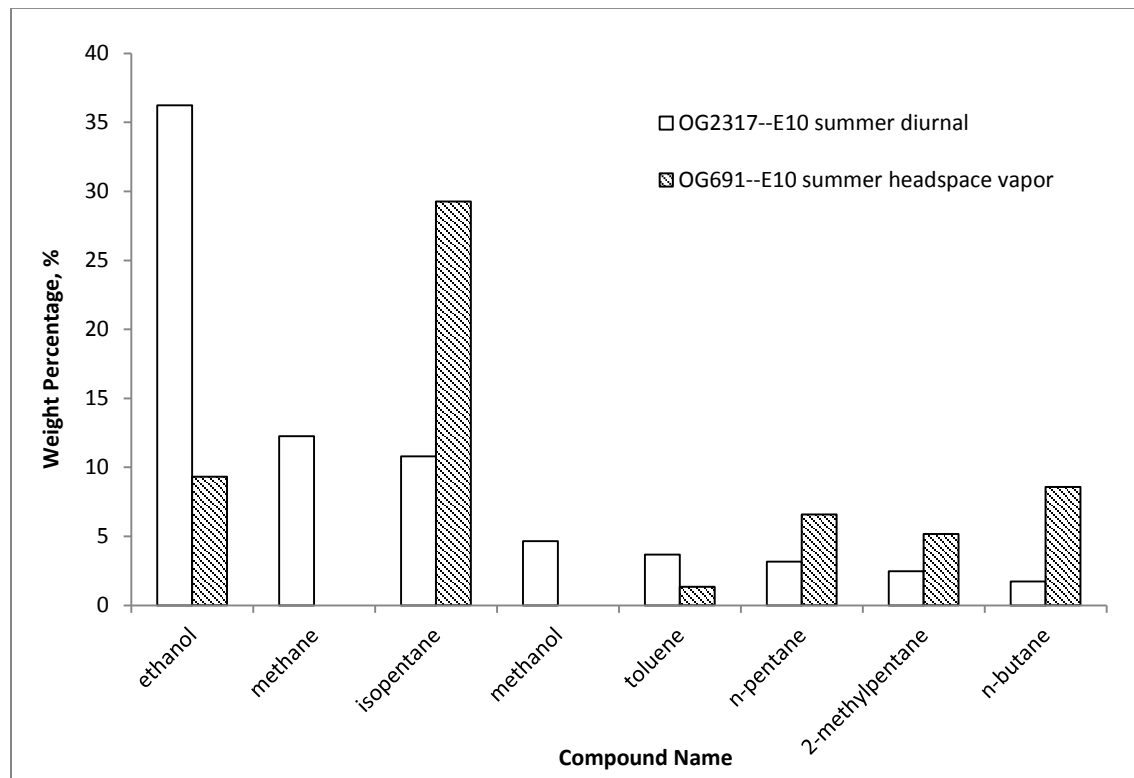


Figure 2. Profile comparison of selected species for OG2317 and OG691

4 Estimated Impacts of the Profile Update on the Emission Inventory

The newly-developed profile OG2317 will be assigned to the categories of diurnal evaporations and resting losses for 2010 and later by replacing the currently used OG691. It should be noted that OG2317 will be used during the months of RVP regulatory control periods, and the control period varies for different air basins [8]. The related EICs/SCCs (Emission Inventory Code/Source Classification Code) for these emission processes are summarized in Appendix 1.

Based on CEPAM [9] data (California 2016 Ozone SIP Baseline Emission Projection, Version 1.00), statewide 2012 annual average TOG emissions for the diurnal profile associated categories are 121.03 tons/day, which is 2.1% of the grand total statewide TOG emissions (natural sources are excluded) [9]. According to the ROG/TOG ratio derived from the new profile OG2317, the statewide 2012 ROG emissions will be 106.02 tons/day, 12.40% lower than the ROG obtained based on OG691 (ROG/TOG=1.0000). The ozone forming potential (OFP) calculated according to the SAPRC07 mechanism [10] is 1.94 for OG2317, 20.49% lower than the OFP of OG691. However, the use of the new diurnal profile OG2317 will result in 92.73% more benzene emissions and 172.59% more toluene emissions (Table 1).

Table 1.Changes in 2012 emissions of organic gas species for diurnal and resting losses categories

Statewide Annual Ave. Emissions	OG691 [Current profile] (tons/day)	OG2317 [New profile] (tons/day)	Change		
			Emission (tons/day)	Percentage	
ROG	121.03	106.02	-15.01	-12.40%	
Ozone forming potential, MIR (g O ₃ /g ORG)	2.44	1.94	-0.50	-20.49%	
Toxics	Benzene	0.67	1.28	+0.62	+92.73%
	Toluene	1.63	4.45	+2.82	+172.59%

References:

1. Croes, B., et al., *Air Quality Impacts of the Use of Ethanol in California Reformulated Gasoline*, 1999, California Air Resources Board.
2. Hsu, Y., *Methodology for Speciation of Organic Gas Hot Soak Emissions California Light-Duty Vehicles*, 2003, California Air Resources Board.
3. CARB, *California Evaporative Emission Standards and Test Procedures for 2001 and Subsequent Model Motor Vehicles*, 2012: El Monte, CA.
4. *Procedure for the Direct Determination of Total Non-methane Hydrocarbons and Methane in Motor Vehicle Exhaust Using Cryogenic Preconcentration and Flame Ionization Detection: SOP MLD 119 (Ver 2.1)*, 2001, California Air Resources Board: El Monte, California.
5. *Method 1002: Determination of C₂ to C₅ Hydrocarbons in Automotive Source Samples by Gas Chromatography in Part D of California Non-methane Organic Gas Test Procedures*2002, California Air Resources Board: El Monte, California.
6. *Method 1003: Determination of C₆ to C₁₂ Hydrocarbons in Automotive Source Samples by Gas Chromatography in Part E of California Non-methane Organic Gas Test Procedures*2002, California Air Resources Board: El Monte, California.
7. *Method 1001: Determination of Alcohols in Automotive Source Samples by Gas Chromatography in Part C of California Non-methane Organic Gas Test Procedures*2002, California Air Resources Board: El Monte, California.
8. *Title 13, California Code of Regulations, The California Reformulated Gasoline Regulations, Sections 2250-2273.5.*
9. CEPAM, 2015, California Air Resources Board, Accessed: February 12, 2015.
10. *Titel 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.6, Article 1. Maximum Incremental Reactivity Values, Sections 94700-94701.*

Appendix 1. EICs/SCCs to be associated with diurnal speciation profile

<i>EIC/SCC</i>	<i>CATEGORY NAME</i>
7	EMFAC/DTIM-DIURNAL-GASOLINE-ALL VEHICLES
10	EMFAC/DTIM-RESTING EVAP-GASOLINE-ALL VEHICLES
207	EMFAC/DTIM-DIURNAL-GASOLINE-LIGHT-MED DUTY (LMV)
210	EMFAC/DTIM-RESTING EVAP-GASOLINE-LIGHT-MED DUTY (LMV)
307	EMFAC/DTIM-DIURNAL-GASOLINE-HEAVY DUTY VEH (HDV)
310	EMFAC/DTIM-RESTING EVAPS-GASOLINE-HEAVY DUTY VEH (HDV)
211	EMFAC/DTIM-MULTI-DAY RESTING -GASOLINE -LIGHT-MED DUTY (LMV)
212	EMFAC/DTIM-MULTI-DAY DIURNAL -GASOLINE -LIGHT-MED DUTY (LMV)
311	EMFAC/DTIM-MULTI-DAY RESTING -GASOLINE -HEAVY DUTY VEH (HDV)
312	EMFAC/DTIM-MULTI-DAY DIURNAL -GASOLINE -HEAVY DUTY VEH (HDV)
46516	ON-ROAD VEHICLES-LIGHT DUTY PASSENGER-DIURNAL-1000 VEHICLES
47993	ON-ROAD VEHICLES-MEDIUM DUTY TRUCKS-DIURNAL-1000 VEHICLES
54213	ON-ROAD VEHICLES-LIGHT DUTY TRUCKS-DIURNAL-1000 VEHICLES
54270	ON-ROAD VEHICLES-MOTORCYCLES-DIURNAL-1000 VEHICLES
54312	ON-ROAD VEHICLES-HD GAS TRUCKS-DIURNAL-1000 VEHICLES
82792	ON-ROAD VEHICLES-LIGHT DUTY PASSENGER-CAT DIURNAL-1000 VEHICLES
82800	ON-ROAD VEHICLES-LIGHT DUTY PASSENGER-NON-CAT DIURNAL-1000 VEHICLES
82818	ON-ROAD VEHICLES-LIGHT/MEDIUM TRUCKS-CAT DIURNAL-1000 VEHICLES
82826	ON-ROAD VEHICLES-LIGHT/MEDIUM TRUCKS-NON-CAT DIURNAL-1000 VEHICLES
83121	ON-ROAD VEHICLES-HEAVY GAS TRUCKS-NON-CAT DIURNAL-1000 VEHICLES
83170	ON-ROAD VEHICLES-HEAVY GAS TRUCKS-CAT DIURNAL-1000 VEHICLES
83485	ON-ROAD VEHICLES-LIGHT DUTY PASSENGER-CAT RESTING EVAP-1000 VEHICLES
83493	ON-ROAD VEHICLES-LIGHT DUTY PASSENGER-NON-CAT RESTING EVAP-1000 VEHICLES
83501	ON-ROAD VEHICLES-LIGHT/MEDIUM TRUCKS-CAT RESTING EVAP-1000 VEHICLES
83519	ON-ROAD VEHICLES-LIGHT/MEDIUM TRUCKS-NON-CAT RESTING EVAP-1000 VEHICLES
83527	ON-ROAD VEHICLES-HEAVY GAS TRUCKS-NON-CAT RESTING EVAP-1000 VEHICLES
83535	ON-ROAD VEHICLES-HEAVY GAS TRUCKS-CAT RESTING EVAP-1000 VEHICLES
83543	ON-ROAD VEHICLES-MOTORCYCLES-RESTING EVAP-1000 VEHICLES
84095	ON-ROAD VEHICLES-LT. DUTY TRUCKS - 1-NON-CAT RESTING EVAP-1000 VEHICLES
84111	ON-ROAD VEHICLES-LT. DUTY TRUCKS - 1-NON-CAT DIURNAL-1000 VEHICLES
84186	ON-ROAD VEHICLES-LT. DUTY TRUCKS - 1-CAT RESTING EVAP-1000 VEHICLES
84202	ON-ROAD VEHICLES-LT. DUTY TRUCKS - 1-CAT DIURNAL-1000 VEHICLES
84301	ON-ROAD VEHICLES-MEDIUM TRUCKS-NON-CAT RESTING EVAP-1000 VEHICLES
84327	ON-ROAD VEHICLES-MEDIUM TRUCKS-NON-CAT DIURNAL-1000 VEHICLES
84392	ON-ROAD VEHICLES-MEDIUM TRUCKS-CAT RESTING EVAP-1000 VEHICLES
84418	ON-ROAD VEHICLES-MEDIUM TRUCKS-CAT DIURNAL-1000 VEHICLES
84467	ON-ROAD VEHICLES-LT.HVY.DTY TRUCKS- 1-NON-CAT RESTING EVAP-1000 VEHICLES
84483	ON-ROAD VEHICLES-LT.HVY.DTY TRUCKS- 1-NON-CAT DIURNAL-1000 VEHICLES
84541	ON-ROAD VEHICLES-LT.HVY.DTY TRUCKS- 1-CAT RESTING EVAP-1000 VEHICLES
84566	ON-ROAD VEHICLES-LT.HVY.DTY TRUCKS- 1-CAT DIURNAL-1000 VEHICLES
84616	ON-ROAD VEHICLES-MED HVY GAS TRUCKS-NON-CAT RESTING EVAP-1000 VEHICLES
84632	ON-ROAD VEHICLES-MED HVY GAS TRUCKS-NON-CAT DIURNAL-1000 VEHICLES
84699	ON-ROAD VEHICLES-MED HVY GAS TRUCKS-CAT RESTING EVAP-1000 VEHICLES
84715	ON-ROAD VEHICLES-MED HVY GAS TRUCKS-CAT DIURNAL-1000 VEHICLES
86165	ON-ROAD VEHICLES-LT. DUTY TRUCKS - 2-NON-CAT EVAPORA-RESTING LOSSES-1000 VEHICLES

<i>EIC/SCC</i>	<i>CATEGORY NAME</i>
86181	ON-ROAD VEHICLES-LT. DUTY TRUCKS - 2 -NON-CAT DIURNAL-1000 VEHICLES
86256	ON-ROAD VEHICLES-LT. DUTY TRUCKS - 2-CAT EVAP-RESTING LOSSES-1000 VEHICLES
86272	ON-ROAD VEHICLES-LT. DUTY TRUCKS - 2 -CAT DIURNAL-1000 VEHICLES
86470	ON-ROAD VEHICLES-LT.HVY.DTY TRUCKS- 2-NON-CAT EVAPORA-RESTING LOSSES-1000 VEHICLES
86496	ON-ROAD VEHICLES-LT.HVY.DTY TRUCKS- 2-NON-CAT DIURNAL-1000 VEHICLES
86579	ON-ROAD VEHICLES-LT.HVY.DTY TRUCKS- 2-CAT EVAP-RESTING LOSSES-1000 VEHICLES
86595	ON-ROAD VEHICLES-LT.HVY.DTY TRUCKS- 2-CAT DIURNAL-1000 VEHICLES
86702	ON-ROAD VEHICLES-HEAVY HEAVY DUTY GAS-NON-CAT EVAP-RESTING LOSSES-1000 VEHICLES
86728	ON-ROAD VEHICLES-HEAVY HEAVY DUTY GAS-NON-CAT DIURNAL-1000 VEHICLES
86801	ON-ROAD VEHICLES-HEAVY HEAVY DUTY GAS-CAT EVAP-RESTING LOSSES-1000 VEHICLES
86827	ON-ROAD VEHICLES-HEAVY HEAVY DUTY GAS-CAT DIURNAL-1000 VEHICLES
86991	ON-ROAD VEHICLES-MOTORCYCLES (MCY)-CAT EVAP-RESTING LOSSES-1000 VEHICLES
87015	ON-ROAD VEHICLES-MOTORCYCLES (MCY) -CAT DIURNAL-1000 VEHICLES
87080	ON-ROAD VEHICLES-HEAVY DUTY GAS URBAN-NON-CAT EVAP-RESTING LOSSES-1000 VEHICLES
87106	ON-ROAD VEHICLES-HEAVY DUTY GAS URBAN-NON-CAT DIURNAL-1000 VEHICLES
87171	ON-ROAD VEHICLES-HEAVY DUTY GAS URBAN-CAT EVAP-RESTING LOSSES-1000 VEHICLES
87197	ON-ROAD VEHICLES-HEAVY DUTY GAS URBAN-CAT DIURNAL-1000 VEHICLES
87254	ON-ROAD VEHICLES-SCHOOL BUSES (SB)-NON-CAT EVAP-RESTING LOSSES-1000 VEHICLES
87270	ON-ROAD VEHICLES-SCHOOL BUSES (SB) -NON-CAT DIURNAL-1000 VEHICLES
87346	ON-ROAD VEHICLES-SCHOOL BUSES (SB)-CAT EVAP-RESTING LOSSES-1000 VEHICLES
87361	ON-ROAD VEHICLES-SCHOOL BUSES (SB) -CAT DIURNAL-1000 VEHICLES
87460	ON-ROAD VEHICLES-MOTOR HOMES (MH)-NON-CAT EVAP-RESTING LOSSES-1000 VEHICLES
87486	ON-ROAD VEHICLES-MOTOR HOMES (MH)-NON-CAT DIURNAL-1000 VEHICLES
87551	ON-ROAD VEHICLES-MOTOR HOMES (MH)-CAT EVAP-RESTING LOSSES-1000 VEHICLES
87577	ON-ROAD VEHICLES-MOTOR HOMES (MH)-CAT DIURNAL-1000 VEHICLES
89243	FUEL STORAGE/HNDLING-GASOLINE CANS-GASOLINE-EVAP-HOURS OF OPERATION
89250	REC BOATS-GASOLINE-TWO-STROKE EVAP-HOURS OF OPERATION
89268	REC BOATS-GASOLINE-FOUR-STROKE EVAP-HOURS OF OPERATION
89276	OFF-ROAD REC EQUIP-GASOLINE -TWO-STROKE EVAP-HOURS OF OPERATION
89284	OFF-ROAD REC EQUIP-GASOLINE -FOUR-STROKE EVAP-HOURS OF OPERATION
89292	OFF-ROAD EQUIP-LAWN AND GARDEN-GASOLINE-TWO-STROKE EVAP-HOURS OF OPERATION
89300	OFF-ROAD REC EQUIP-GASOLINE-FOUR-STROKE EVAP-HOURS OF OPERATION
89318	OFF-ROAD EQUIP-TRANS REFRIGERATION-GASOLINE-FOUR-STROKE EVAP-HOURS OF OPERATION
89326	OFF-ROAD EQUIP-LIGHT COMM EQUIP-GASOLINE-TWO-STROKE EVAP-HOURS OF OPERATION
89334	OFF-ROAD EQUIP-GASOLINE-FOUR-STROKE EVAP-HOURS OF OPERATION
89342	OFF-ROAD EQUIP-INDUSTRIAL EQUIP-GASOLINE-TWO-STROKE EVAP-HOURS OF OPERATION
89359	OFF-ROAD EQUIP-GASOLINE-FOUR-STROKE EVAP-HOURS OF OPERATION
89367	OFF-ROAD EQUIP-CONSTRUCT AND MINING-GASOLINE-TWO-STROKE EVAP-HOURS OF OPERATION
89375	OFF-ROAD EQUIP-GASOLINE-FOUR-STROKE EVAP-HOURS OF OPERATION
89383	OFF-ROAD EQUIP-LOGGING EQUIPMENT-GASOLINE-TWO-STROKE EVAP-HOURS OF OPERATION
89391	OFF-ROAD EQUIP-GASOLINE-FOUR-STROKE EVAP-HOURS OF OPERATION
89417	OFF-ROAD EQUIP-AIRPORT GRND SUPPORT-GASOLINE-FOUR-STROKE EVAP-HOURS OF OPERATION
89466	FARM EQUIPMENT-AGRICULTURAL EQUIP-GASOLINE-FOUR-STROKE EVAP-HOURS OF OPERATION
71071011000000	LIGHT DUTY PASSENGER (LDA)-NON-CAT EVAP RESTING LOSSES-GASOLINE-ON-ROAD MOTOR VEHICLES
71071411000000	LIGHT DUTY PASSENGER (LDA)-NON-CAT DIURNAL-GASOLINE-ON-ROAD MOTOR VEHICLES
71073811000000	LIGHT DUTY PASSENGER (LDA)-CAT EVAP RESTING LOSSES-GASOLINE-ON-ROAD MOTOR VEHICLES
71074211000000	LIGHT DUTY PASSENGER (LDA)-CAT DIURNAL-GASOLINE-ON-ROAD MOTOR VEHICLES

<i>EIC/SCC</i>	<i>CATEGORY NAME</i>
72071011000000	LT AND MED DUTY TRUCKS-NON-CAT EVAP RESTING LOSSES-GASOLINE-ON-ROAD MOTOR VEHICLES
72071411000000	LT AND MED DUTY TRUCKS-NON-CAT DIURNAL-GASOLINE-ON-ROAD MOTOR VEHICLES
72073811000000	LT AND MED DUTY TRUCKS-CAT EVAP RESTING LOSSES-GASOLINE-ON-ROAD MOTOR VEHICLES
72074211000000	LT AND MED DUTY TRUCKS-CAT DIURNAL-GASOLINE-ON-ROAD MOTOR VEHICLES
72271011000000	LIGHT DUTY TRUCKS -1 (LDT1)-NON-CAT EVAP RESTING LOSSES-GASOLINE-ON-ROAD MOTOR VEHICLES
72271411000000	LIGHT DUTY TRUCKS -1 (LDT1)-NON-CAT DIURNAL-GASOLINE-ON-ROAD MOTOR VEHICLES
72273811000000	LIGHT DUTY TRUCKS -1 (LDT1)-CAT EVAP RESTING LOSSES-GASOLINE-ON-ROAD MOTOR VEHICLES
72274211000000	LIGHT DUTY TRUCKS- 1 (LDT1)-CAT DIURNAL-GASOLINE-ON-ROAD MOTOR VEHICLES
72371011000000	LIGHT DUTY TRUCKS- 2 (LDT2)-NON-CAT EVAP RESTING LOSSES-GASOLINE-ON-ROAD MOTOR VEHICLES
72371411000000	LIGHT DUTY TRUCKS- 2 (LDT2)-NON-CAT DIURNAL-GASOLINE-ON-ROAD MOTOR VEHICLES
72373811000000	LIGHT DUTY TRUCKS- 2 (LDT2)-CAT EVAP RESTING LOSSES-GASOLINE-ON-ROAD MOTOR VEHICLES
72374211000000	LIGHT DUTY TRUCKS- 2 (LDT2)-CAT DIURNAL-GASOLINE-ON-ROAD MOTOR VEHICLES
72471011000000	MEDIUM DUTY TRUCKS (MDV)-NON-CAT EVAP RESTING LOSSES-GASOLINE-ON-ROAD MOTOR VEHICLES
72471411000000	MEDIUM DUTY TRUCKS (MDV)-NON-CAT DIURNAL-GASOLINE-ON-ROAD MOTOR VEHICLES
72473811000000	MEDIUM DUTY TRUCKS (MDV)-CAT EVAP RESTING LOSSES-GASOLINE-ON-ROAD MOTOR VEHICLES
72474211000000	MEDIUM DUTY TRUCKS (MDV)-CAT DIURNAL-GASOLINE-ON-ROAD MOTOR VEHICLES
73071011000000	HEAVY DUTY TRUCKS (ALL)-NON-CAT EVAP RESTING LOSSES-GASOLINE-ON-ROAD MOTOR VEHICLES
73071411000000	HEAVY DUTY TRUCKS (ALL)-NON-CAT DIURNAL-GASOLINE-ON-ROAD MOTOR VEHICLES
73073811000000	HEAVY DUTY TRUCKS (ALL)-CAT EVAP RESTING LOSSES-GASOLINE-ON-ROAD MOTOR VEHICLES
73074211000000	HEAVY DUTY TRUCKS (ALL)-CAT DIURNAL-GASOLINE-ON-ROAD MOTOR VEHICLES
73271011000000	LHDV1-NON-CAT EVAP RESTING LOSSES-GASOLINE-ON-ROAD MOTOR VEHICLES
73271411000000	LHDV1-NON-CAT DIURNAL-GASOLINE-ON-ROAD MOTOR VEHICLES
73273811000000	LHDV1-CAT EVAP RESTING LOSSES-GASOLINE-ON-ROAD MOTOR VEHICLES
73274211000000	LHDV1-CAT DIURNAL-GASOLINE-ON-ROAD MOTOR VEHICLES
73371011000000	LHDV2-NON-CAT EVAP RESTING LOSSES-GASOLINE-ON-ROAD MOTOR VEHICLES
73371411000000	LHDV2-NON-CAT DIURNAL-GASOLINE-ON-ROAD MOTOR VEHICLES
73373811000000	LHDV2-CAT EVAP RESTING LOSSES-GASOLINE-ON-ROAD MOTOR VEHICLES
73374211000000	LHDV2-CAT DIURNAL-GASOLINE-ON-ROAD MOTOR VEHICLES
73471011000000	MHDV-NON-CAT EVAP RESTING LOSSES-GASOLINE-ON-ROAD MOTOR VEHICLES
73471411000000	MHDV-NON-CAT DIURNAL-GASOLINE-ON-ROAD MOTOR VEHICLES
73473811000000	MHDV-CAT EVAP RESTING LOSSES-GASOLINE-ON-ROAD MOTOR VEHICLES
73474211000000	MHDV-CAT DIURNAL-GASOLINE-ON-ROAD MOTOR VEHICLES
73671011000000	HHDV-NON-CAT EVAP RESTING LOSSES-GASOLINE-ON-ROAD MOTOR VEHICLES
73671411000000	HHDV-NON-CAT DIURNAL-GASOLINE-ON-ROAD MOTOR VEHICLES
73673811000000	HHDV-CAT EVAP RESTING LOSSES-GASOLINE-ON-ROAD MOTOR VEHICLES
73674211000000	HHDV-CAT DIURNAL-GASOLINE-ON-ROAD MOTOR VEHICLES
75071011000000	MOTORCYCLES (MCY)-NON-CAT EVAP RESTING LOSSES-GASOLINE-ON-ROAD MOTOR VEHICLES
75071411000000	MOTORCYCLES (MCY)-NON-CAT DIURNAL-GASOLINE-ON-ROAD MOTOR VEHICLES
75073811000000	MOTORCYCLES (MCY)-CAT EVAP RESTING LOSSES-GASOLINE-ON-ROAD MOTOR VEHICLES
75074211000000	MOTORCYCLES (MCY)-CAT DIURNAL-GASOLINE-ON-ROAD MOTOR VEHICLES
76271011000000	HD GAS URBAN BUSES (UB)-NON-CAT EVAP RESTING LOSSES-GASOLINE-ON-ROAD MOTOR VEHICLES
76271411000000	HD GAS URBAN BUSES (UB)-NON-CAT DIURNAL-GASOLINE-ON-ROAD MOTOR VEHICLES
76273811000000	HD GAS URBAN BUSES (UB)-CAT EVAP RESTING LOSSES-GASOLINE-ON-ROAD MOTOR VEHICLES
76274211000000	HD GAS URBAN BUSES (UB)-CAT DIURNAL-GASOLINE-ON-ROAD MOTOR VEHICLES
77071011000000	SCHOOL BUSES (SB)-NON-CAT EVAP RESTING LOSSES-GASOLINE-ON-ROAD MOTOR VEHICLES
77071411000000	SCHOOL BUSES (SB)-NON-CAT DIURNAL-GASOLINE-ON-ROAD MOTOR VEHICLES
77073811000000	SCHOOL BUSES (SB)-CAT EVAP RESTING LOSSES-GASOLINE-ON-ROAD MOTOR VEHICLES

<i>EIC/SCC</i>	<i>CATEGORY NAME</i>
77074211000000	SCHOOL BUSES (SB)-CAT DIURNAL-GASOLINE-ON-ROAD MOTOR VEHICLES
77171011000000	SCHOOL BUSES - GAS (SBG)-NON-CAT EVAP RESTING LOSSES-GASOLINE-ON-ROAD MOTOR VEHICLES
77171411000000	SCHOOL BUSES - GAS (SBG)-NON-CAT DIURNAL-GASOLINE-ON-ROAD MOTOR VEHICLES
77173811000000	SCHOOL BUSES - GAS (SBG)-CAT EVAP RESTING LOSSES-GASOLINE-ON-ROAD MOTOR VEHICLES
77174211000000	SCHOOL BUSES - GAS (SBG)-CAT DIURNAL-GASOLINE-ON-ROAD MOTOR VEHICLES
77671011000000	OTHER BUSES (OB)-NON-CAT EVAP RESTING LOSSES-GASOLINE-ON-ROAD MOTOR VEHICLES
77671411000000	OTHER BUSES (OB)-NON-CAT DIURNAL-GASOLINE-ON-ROAD MOTOR VEHICLES
77673811000000	OTHER BUSES (OB)-CAT EVAP RESTING LOSSES-GASOLINE-ON-ROAD MOTOR VEHICLES
77674211000000	OTHER BUSES (OB)-CAT DIURNAL-GASOLINE-ON-ROAD MOTOR VEHICLES
77771011000000	OTHER BUSES - GAS (OBG)-NON-CAT EVAP RESTING LOSSES-GASOLINE-ON-ROAD MOTOR VEHICLES
77771411000000	OTHER BUSES - GAS (OBG)-NON-CAT DIURNAL-GASOLINE-ON-ROAD MOTOR VEHICLES
77773811000000	OTHER BUSES - GAS (OBG)-CAT EVAP RESTING LOSSES-GASOLINE-ON-ROAD MOTOR VEHICLES
77774211000000	OTHER BUSES - GAS (OBG)-CAT DIURNAL-GASOLINE-ON-ROAD MOTOR VEHICLES
78071011000000	MOTOR HOMES (MH)-NON-CAT EVAP RESTING LOSSES-GASOLINE-ON-ROAD MOTOR VEHICLES
78071411000000	MOTOR HOMES (MH)-NON-CAT DIURNAL-GASOLINE-ON-ROAD MOTOR VEHICLES
78073811000000	MOTOR HOMES (MH)-CAT EVAP RESTING LOSSES-GASOLINE-ON-ROAD MOTOR VEHICLES
78074211000000	MOTOR HOMES (MH)-CAT DIURNAL-GASOLINE-ON-ROAD MOTOR VEHICLES
84086411000021	REC BOATS-GASOLINE-TWO-STROKE EVAP
84086411000041	REC BOATS-GASOLINE-FOUR-STROKE EVAP
84086411006154	REC BOATS-GASOLINE-VESSEL W/INBOARD ENGINE G4-CARB-2-EVAP
84086411006156	REC BOATS-GASOLINE-VESSEL W/INBOARD ENGINE G4-FI-2-EVAP
84086411006158	REC BOATS-GASOLINE-VESSEL W/INBOARD ENGINE G4-CARB-15-EVAP
84086411006160	REC BOATS-GASOLINE-VESSEL W/INBOARD ENGINE G4-FI-15-EVAP
84086411006162	REC BOATS-GASOLINE-VESSEL W/INBOARD ENGINE G4-CARB-25-EVAP
84086411006257	REC BOATS-GASOLINE-VESSEL W/INBOARD ENGINE G4-FI-25-EVAP
84086411006259	REC BOATS-GASOLINE-VESSEL W/INBOARD ENGINE G4-CARB-50-EVAP
84086411006261	REC BOATS-GASOLINE-VESSEL W/INBOARD ENGINE G4-FI-50-EVAP
84086411006263	REC BOATS-GASOLINE-VESSEL W/INBOARD ENGINE G4-CARB-120-EVAP
84086411006265	REC BOATS-GASOLINE-VESSEL W/INBOARD ENGINE G4-FI-120-EVAP
84086411006267	REC BOATS-GASOLINE-VESSEL W/INBOARD ENGINE G4-CARB-175-EVAP
84086411006269	REC BOATS-GASOLINE-VESSEL W/INBOARD ENGINE G4-FI-175-EVAP
84086411006271	REC BOATS-GASOLINE-VESSEL W/INBOARD ENGINE G4-CARB-250-EVAP
84086411006273	REC BOATS-GASOLINE-VESSEL W/INBOARD ENGINE G4-FI-250-EVAP
84086411006275	REC BOATS-GASOLINE-VESSEL W/INBOARD ENGINE G4-CARB-500-EVAP
84086411006277	REC BOATS-GASOLINE-VESSEL W/INBOARD ENGINE G4-FI-500-EVAP
84086411006279	REC BOATS-GASOLINE-VESSEL W/INBOARD ENGINE G4-CARB-750-EVAP
84086411006281	REC BOATS-GASOLINE-VESSEL W/INBOARD ENGINE G4-FI-750-EVAP
84086411006283	REC BOATS-GASOLINE-VESSEL W/INBOARD ENGINE G2-CARB-2-EVAP
84086411006285	REC BOATS-GASOLINE-VESSEL W/INBOARD ENGINE G2-FI-2-EVAP
84086411006287	REC BOATS-GASOLINE-VESSEL W/INBOARD ENGINE G2-CARB-15-EVAP
84086411006289	REC BOATS-GASOLINE-VESSEL W/INBOARD ENGINE G2-FI-15-EVAP
84086411006291	REC BOATS-GASOLINE-VESSEL W/INBOARD ENGINE G2-CARB-25-EVAP
84086411006293	REC BOATS-GASOLINE-VESSEL W/INBOARD ENGINE G2-FI-25-EVAP
84086411006295	REC BOATS-GASOLINE-VESSEL W/INBOARD ENGINE G2-CARB-50-EVAP
84086411006297	REC BOATS-GASOLINE-VESSEL W/INBOARD ENGINE G2-FI-50-EVAP
84086411006299	REC BOATS-GASOLINE-VESSEL W/INBOARD ENGINE G2-CARB-120-EVAP
84086411006301	REC BOATS-GASOLINE-VESSEL W/INBOARD ENGINE G2-FI-120-EVAP

<i>EIC/SCC</i>	<i>CATEGORY NAME</i>
84086411006303	REC BOATS-GASOLINE-PERSONAL WATER CRAFT-G2-9999-EVAP
84086411006305	REC BOATS-GASOLINE-VESSEL W/INBOARD ENGINE G2-CARB-175-EVAP
84086411006307	REC BOATS-GASOLINE-VESSEL W/INBOARD ENGINE G2-FI-175-EVAP
84086411006309	REC BOATS-GASOLINE-VESSEL W/INBOARD ENGINE G2-CARB-250-EVAP
84086411006311	REC BOATS-GASOLINE-VESSEL W/INBOARD ENGINE G2-FI-250-EVAP
84086411006313	REC BOATS-GASOLINE-VESSEL W/INBOARD ENGINE G2-CARB-500-EVAP
84086411006352	REC BOATS-GASOLINE-VESSEL W/INBOARD ENGINE G2-FI-500-EVAP
84086411006354	REC BOATS-GASOLINE-VESSEL W/INBOARD ENGINE G2-CARB-750-EVAP
84086411006356	REC BOATS-GASOLINE-VESSEL W/INBOARD ENGINE G2-FI-750-EVAP
84086411006358	REC BOATS-GASOLINE-VESSEL W/JET ENGINE G4-CARB-2-EVAP
84086411006360	REC BOATS-GASOLINE-VESSEL W/JET ENGINE G4-FI-2-EVAP
84086411006362	REC BOATS-GASOLINE-VESSEL W/JET ENGINE G4-CARB-15-EVAP
84086411006364	REC BOATS-GASOLINE-VESSEL W/JET ENGINE G4-FI-15-EVAP
84086411006366	REC BOATS-GASOLINE-VESSEL W/JET ENGINE G4-CARB-25-EVAP
84086411006368	REC BOATS-GASOLINE-VESSEL W/JET ENGINE G4-FI-25-EVAP
84086411006370	REC BOATS-GASOLINE-VESSEL W/JET ENGINE G4-CARB-50-EVAP
84086411006372	REC BOATS-GASOLINE-VESSEL W/JET ENGINE G4-FI-50-EVAP
84086411006374	REC BOATS-GASOLINE-VESSEL W/JET ENGINE G4-CARB-120-EVAP
84086411006376	REC BOATS-GASOLINE-VESSEL W/JET ENGINE G4-FI-120-EVAP
84086411006378	REC BOATS-GASOLINE-VESSEL W/JET ENGINE G4-CARB-175-EVAP
84086411006380	REC BOATS-GASOLINE-VESSEL W/JET ENGINE G4-FI-175-EVAP
84086411006382	REC BOATS-GASOLINE-VESSEL W/JET ENGINE G4-CARB-250-EVAP
84086411006384	REC BOATS-GASOLINE-VESSEL W/JET ENGINE G4-FI-250-EVAP
84086411006386	REC BOATS-GASOLINE-VESSEL W/JET ENGINE G4-CARB-500-EVAP
84086411006388	REC BOATS-GASOLINE-VESSEL W/JET ENGINE G4-FI-500-EVAP
84086411006390	REC BOATS-GASOLINE-VESSEL W/JET ENGINE G4-CARB-750-EVAP
84086411006392	REC BOATS-GASOLINE-VESSEL W/JET ENGINE G4-FI-750-EVAP
84086411006394	REC BOATS-GASOLINE-VESSEL W/JET ENGINE G2-CARB-2-EVAP
84086411006396	REC BOATS-GASOLINE-VESSEL W/JET ENGINE G2-FI-2-EVAP
84086411006398	REC BOATS-GASOLINE-VESSEL W/JET ENGINE G2-CARB-15-EVAP
84086411006400	REC BOATS-GASOLINE-VESSEL W/JET ENGINE G2-FI-15-EVAP
84086411006402	REC BOATS-GASOLINE-VESSEL W/JET ENGINE G2-CARB-25-EVAP
84086411006482	REC BOATS-GASOLINE-VESSEL W/JET ENGINE G2-FI-25-EVAP
84086411006484	REC BOATS-GASOLINE-VESSEL W/JET ENGINE G2-CARB-50-EVAP
84086411006486	REC BOATS-GASOLINE-VESSEL W/JET ENGINE G2-FI-50-EVAP
84086411006488	REC BOATS-GASOLINE-VESSEL W/JET ENGINE G2-CARB-120-EVAP
84086411006490	REC BOATS-GASOLINE-VESSEL W/JET ENGINE G2-FI-120-EVAP
84086411006492	REC BOATS-GASOLINE-VESSEL W/JET ENGINE G2-CARB-175-EVAP
84086411006494	REC BOATS-GASOLINE-VESSEL W/JET ENGINE G2-FI-175-EVAP
84086411006496	REC BOATS-GASOLINE-VESSEL W/JET ENGINE G2-CARB-250-EVAP
84086411006498	REC BOATS-GASOLINE-VESSEL W/JET ENGINE G2-FI-250-EVAP
84086411006500	REC BOATS-GASOLINE-VESSEL W/JET ENGINE G2-CARB-500-EVAP
84086411006502	REC BOATS-GASOLINE-VESSEL W/JET ENGINE G2-FI-500-EVAP
84086411006504	REC BOATS-GASOLINE-VESSEL W/JET ENGINE G2-CARB-750-EVAP
84086411006506	REC BOATS-GASOLINE-VESSEL W/JET ENGINE G2-FI-750-EVAP
84086411006508	REC BOATS-GASOLINE-VESSEL W/OUTBOARD ENGINE G4-CARB-2-EVAP
84086411006510	REC BOATS-GASOLINE-VESSEL W/OUTBOARD ENGINE G4-FI-2-EVAP

<i>EIC/SCC</i>	<i>CATEGORY NAME</i>
84086411006512	REC BOATS-GASOLINE-VESSEL W/OUTBOARD ENGINE G4-CARB-15-EVAP
84086411006514	REC BOATS-GASOLINE-VESSEL W/OUTBOARD ENGINE G4-FI-15-EVAP
84086411006516	REC BOATS-GASOLINE-VESSEL W/OUTBOARD ENGINE G4-CARB-25-EVAP
84086411006518	REC BOATS-GASOLINE-VESSEL W/OUTBOARD ENGINE G4-FI-25-EVAP
84086411006520	REC BOATS-GASOLINE-VESSEL W/OUTBOARD ENGINE G4-CARB-50-EVAP
84086411006522	REC BOATS-GASOLINE-VESSEL W/OUTBOARD ENGINE G4-FI-50-EVAP
84086411006524	REC BOATS-GASOLINE-VESSEL W/OUTBOARD ENGINE G4-CARB-120-EVAP
84086411006526	REC BOATS-GASOLINE-VESSEL W/OUTBOARD ENGINE G4-FI-120-EVAP
84086411006528	REC BOATS-GASOLINE-VESSEL W/OUTBOARD ENGINE G4-CARB-175-EVAP
84086411006530	REC BOATS-GASOLINE-VESSEL W/OUTBOARD ENGINE G4-FI-175-EVAP
84086411006532	REC BOATS-GASOLINE-VESSEL W/OUTBOARD ENGINE G4-CARB-250-EVAP
84086411006534	REC BOATS-GASOLINE-VESSEL W/OUTBOARD ENGINE G4-FI-250-EVAP
84086411006536	REC BOATS-GASOLINE-VESSEL W/OUTBOARD ENGINE G4-CARB-500-EVAP
84086411006538	REC BOATS-GASOLINE-VESSEL W/OUTBOARD ENGINE G4-FI-500-EVAP
84086411006540	REC BOATS-GASOLINE-VESSEL W/OUTBOARD ENGINE G4-CARB-750-EVAP
84086411006542	REC BOATS-GASOLINE-VESSEL W/OUTBOARD ENGINE G4-FI-750-EVAP
84086411006544	REC BOATS-GASOLINE-VESSEL W/OUTBOARD ENGINE G2-CARB-2-EVAP
84086411006546	REC BOATS-GASOLINE-VESSEL W/OUTBOARD ENGINE G2-FI-2-EVAP
84086411006548	REC BOATS-GASOLINE-VESSEL W/OUTBOARD ENGINE G2-CARB-15-EVAP
84086411006550	REC BOATS-GASOLINE-VESSEL W/OUTBOARD ENGINE G2-FI-15-EVAP
84086411006657	REC BOATS-GASOLINE-VESSEL W/OUTBOARD ENGINE G2-CARB-25-EVAP
84086411006659	REC BOATS-GASOLINE-VESSEL W/OUTBOARD ENGINE G2-FI-25-EVAP
84086411006661	REC BOATS-GASOLINE-VESSEL W/OUTBOARD ENGINE G2-CARB-50-EVAP
84086411006663	REC BOATS-GASOLINE-VESSEL W/OUTBOARD ENGINE G2-FI-50-EVAP
84086411006665	REC BOATS-GASOLINE-VESSEL W/OUTBOARD ENGINE G2-CARB-120-EVAP
84086411006667	REC BOATS-GASOLINE-VESSEL W/OUTBOARD ENGINE G2-FI-120-EVAP
84086411006669	REC BOATS-GASOLINE-VESSEL W/OUTBOARD ENGINE G2-CARB-175-EVAP
84086411006671	REC BOATS-GASOLINE-VESSEL W/OUTBOARD ENGINE G2-FI-175-EVAP
84086411006673	REC BOATS-GASOLINE-VESSEL W/OUTBOARD ENGINE G2-CARB-250-EVAP
84086411006675	REC BOATS-GASOLINE-VESSEL W/OUTBOARD ENGINE G2-FI-250-EVAP
84086411006677	REC BOATS-GASOLINE-VESSEL W/OUTBOARD ENGINE G2-CARB-500-EVAP
84086411006679	REC BOATS-GASOLINE-VESSEL W/OUTBOARD ENGINE G2-FI-500-EVAP
84086411006681	REC BOATS-GASOLINE-VESSEL W/OUTBOARD ENGINE G2-CARB-750-EVAP
84086411006683	REC BOATS-GASOLINE-VESSEL W/OUTBOARD ENGINE G2-FI-750-EVAP
84086411006685	REC BOATS-GASOLINE-VESSEL W/PWC G4-CARB-2-EVAP
84086411006687	REC BOATS-GASOLINE-VESSEL W/PWC G4-FI-2-EVAP
84086411006689	REC BOATS-GASOLINE-VESSEL W/PWC G4-CARB-15-EVAP
84086411006691	REC BOATS-GASOLINE-VESSEL W/PWC G4-FI-15-EVAP
84086411006693	REC BOATS-GASOLINE-VESSEL W/PWC G4-CARB-25-EVAP
84086411006695	REC BOATS-GASOLINE-VESSEL W/PWC G4-FI-25-EVAP
84086411006697	REC BOATS-GASOLINE-VESSEL W/PWC G4-CARB-50-EVAP
84086411006699	REC BOATS-GASOLINE-VESSEL W/PWC G4-FI-50-EVAP
84086411006701	REC BOATS-GASOLINE-VESSEL W/PWC G4-CARB-120-EVAP
84086411006703	REC BOATS-GASOLINE-VESSEL W/PWC G4-FI-120-EVAP
84086411006705	REC BOATS-GASOLINE-VESSEL W/PWC G4-CARB-175-EVAP
84086411006707	REC BOATS-GASOLINE-VESSEL W/PWC G4-FI-175-EVAP
84086411006709	REC BOATS-GASOLINE-VESSEL W/PWC G4-CARB-250-EVAP

<i>EIC/SCC</i>	<i>CATEGORY NAME</i>
84086411006711	REC BOATS-GASOLINE-VESSEL W/PWC G4-FI-250-EVAP
84086411006713	REC BOATS-GASOLINE-VESSEL W/PWC G4-CARB-500-EVAP
84086411006715	REC BOATS-GASOLINE-VESSEL W/PWC G4-FI-500-EVAP
84086411006717	REC BOATS-GASOLINE-VESSEL W/PWC G4-CARB-750-EVAP
84086411006719	REC BOATS-GASOLINE-VESSEL W/PWC G4-FI-750-EVAP
84086411006721	REC BOATS-GASOLINE-VESSEL W/PWC G2-CARB-2-EVAP
84086411006723	REC BOATS-GASOLINE-VESSEL W/PWC G2-FI-2-EVAP
84086411006725	REC BOATS-GASOLINE-VESSEL W/PWC G2-CARB-15-EVAP
84086411006727	REC BOATS-GASOLINE-VESSEL W/PWC G2-FI-15-EVAP
84086411006729	REC BOATS-GASOLINE-VESSEL W/PWC G2-CARB-25-EVAP
84086411006731	REC BOATS-GASOLINE-VESSEL W/PWC G2-FI-25-EVAP
84086411006733	REC BOATS-GASOLINE-VESSEL W/PWC G2-CARB-50-EVAP
84086411006735	REC BOATS-GASOLINE-VESSEL W/PWC G2-FI-50-EVAP
84086411006737	REC BOATS-GASOLINE-VESSEL W/PWC G2-CARB-120-EVAP
84086411006739	REC BOATS-GASOLINE-VESSEL W/PWC G2-FI-120-EVAP
84086411006741	REC BOATS-GASOLINE-VESSEL W/PWC G2-CARB-175-EVAP
84086411006743	REC BOATS-GASOLINE-VESSEL W/PWC G2-FI-175-EVAP
84086411006745	REC BOATS-GASOLINE-VESSEL W/PWC G2-CARB-250-EVAP
84086411006747	REC BOATS-GASOLINE-VESSEL W/PWC G2-FI-250-EVAP
84086411006749	REC BOATS-GASOLINE-VESSEL W/PWC G2-CARB-500-EVAP
84086411006751	REC BOATS-GASOLINE-VESSEL W/PWC G2-FI-500-EVAP
84086411006753	REC BOATS-GASOLINE-VESSEL W/PWC G2-CARB-750-EVAP
84086411006755	REC BOATS-GASOLINE-VESSEL W/PWC G2-FI-750-EVAP
84086411006757	REC BOATS-GASOLINE-VESSEL W/PWC G4-CARB-2-EVAP
84086411006759	REC BOATS-GASOLINE-VESSEL W/STERNDRIVE G4-FI-2-EVAP
84086411006761	REC BOATS-GASOLINE-VESSEL W/STERNDRIVE G4-CARB-15-EVAP
84086411006763	REC BOATS-GASOLINE-VESSEL W/STERNDRIVE G4-FI-15-EVAP
84086411006765	REC BOATS-GASOLINE-VESSEL W/STERNDRIVE G4-CARB-25-EVAP
84086411006767	REC BOATS-GASOLINE-VESSEL W/STERNDRIVE G4-FI-25-EVAP
84086411006769	REC BOATS-GASOLINE-VESSEL W/STERNDRIVE G4-CARB-50-EVAP
84086411006771	REC BOATS-GASOLINE-VESSEL W/STERNDRIVE G4-FI-50-EVAP
84086411006773	REC BOATS-GASOLINE-VESSEL W/STERNDRIVE G4-CARB-120-EVAP
84086411006775	REC BOATS-GASOLINE-VESSEL W/STERNDRIVE G4-FI-120-EVAP
84086411006777	REC BOATS-GASOLINE-VESSEL W/STERNDRIVE G4-CARB-175-EVAP
84086411006779	REC BOATS-GASOLINE-VESSEL W/STERNDRIVE G4-FI-175-EVAP
84086411006781	REC BOATS-GASOLINE-VESSEL W/STERNDRIVE G4-CARB-250-EVAP
84086411006783	REC BOATS-GASOLINE-VESSEL W/STERNDRIVE G4-FI-250-EVAP
84086411006785	REC BOATS-GASOLINE-VESSEL W/STERNDRIVE G4-CARB-500-EVAP
84086411006787	REC BOATS-GASOLINE-VESSEL W/STERNDRIVE G4-FI-500-EVAP
84086411006789	REC BOATS-GASOLINE-VESSEL W/STERNDRIVE G4-CARB-750-EVAP
84086411007572	REC BOATS-GASOLINE-VESSEL W/STERNDRIVE G4-FI-750-EVAP
84086411007574	REC BOATS-GASOLINE-VESSEL W/STERNDRIVE G2-CARB-2-EVAP
84086411007576	REC BOATS-GASOLINE-VESSEL W/STERNDRIVE G2-FI-2-EVAP
84086411007578	REC BOATS-GASOLINE-VESSEL W/STERNDRIVE G2-CARB-15-EVAP
84086411007580	REC BOATS-GASOLINE-VESSEL W/STERNDRIVE G2-FI-15-EVAP
84086411007582	REC BOATS-GASOLINE-VESSEL W/STERNDRIVE G2-CARB-25-EVAP
84086411007584	REC BOATS-GASOLINE-VESSEL W/STERNDRIVE G2-FI-25-EVAP

<i>EIC/SCC</i>	<i>CATEGORY NAME</i>
84086411007586	REC BOATS-GASOLINE-VESSEL W/STERNDRIVE G2-CARB-50-EVAP
84086411007588	REC BOATS-GASOLINE-VESSEL W/STERNDRIVE G2-FI-50-EVAP
84086411007590	REC BOATS-GASOLINE-VESSEL W/STERNDRIVE G2-CARB-120-EVAP
84086411007592	REC BOATS-GASOLINE-VESSEL W/STERNDRIVE G2-FI-120-EVAP
84086411007594	REC BOATS-GASOLINE-VESSEL W/STERNDRIVE G2-CARB-175-EVAP
84086411007596	REC BOATS-GASOLINE-VESSEL W/STERNDRIVE G2-FI-175-EVAP
84086411007598	REC BOATS-GASOLINE-VESSEL W/STERNDRIVE G2-CARB-250-EVAP
84086411007600	REC BOATS-GASOLINE-VESSEL W/STERNDRIVE G2-FI-250-EVAP
84086411007602	REC BOATS-GASOLINE-VESSEL W/STERNDRIVE G2-CARB-500-EVAP
84086411007617	REC BOATS-GASOLINE-VESSEL W/STERNDRIVE G2-FI-500-EVAP
84086411007619	REC BOATS-GASOLINE-VESSEL W/STERNDRIVE G2-CARB-750-EVAP
84086411007621	REC BOATS-GASOLINE-VESSEL W/STERNDRIVE G2-FI-750-EVAP
84086411007975	REC BOATS-GASOLINE-SAILBOAT AUXILIARY INBOARD ENGINE-G4-15-EVAP
84086411007993	REC BOATS-GASOLINE-SAILBOAT AUXILIARY OUTBOARD ENGIN-G2-15-EVAP
84086411008003	REC BOATS-GASOLINE-SAILBOAT AUXILIARY OUTBOARD ENGIN-G2-25-EVAP
84086411008013	REC BOATS-GASOLINE-SAILBOAT AUXILIARY OUTBOARD ENGIN-G2-50-EVAP
84086411008132	REC BOATS-GASOLINE-SAILBOAT AUXILIARY ENGINE G4-CARB-2-EVAP
84086411008134	REC BOATS-GASOLINE-SAILBOAT AUXILIARY ENGINE G4-FI-2-EVAP
84086411008136	REC BOATS-GASOLINE-SAILBOAT AUXILIARY ENGINE G4-CARB-15-EVAP
84086411008138	REC BOATS-GASOLINE-SAILBOAT AUXILIARY ENGINE G4-FI-15-EVAP
84086411008140	REC BOATS-GASOLINE-SAILBOAT AUXILIARY ENGINE G4-CARB-25-EVAP
84086411008142	REC BOATS-GASOLINE-SAILBOAT AUXILIARY ENGINE G4-FI-25-EVAP
84086411008202	REC BOATS-GASOLINE-SAILBOAT AUXILIARY ENGINE G4-CARB-50-EVAP
84086411008204	REC BOATS-GASOLINE-SAILBOAT AUXILIARY ENGINE G4-FI-50-EVAP
84086411008206	REC BOATS-GASOLINE-SAILBOAT AUXILIARY ENGINE G4-CARB-120-EVAP
84086411008208	REC BOATS-GASOLINE-SAILBOAT AUXILIARY ENGINE G4-FI-120-EVAP
84086411008210	REC BOATS-GASOLINE-SAILBOAT AUXILIARY ENGINE G4-CARB-175-EVAP
84086411008212	REC BOATS-GASOLINE-SAILBOAT AUXILIARY ENGINE G4-FI-175-EVAP
84086411008294	REC BOATS-GASOLINE-SAILBOAT AUXILIARY ENGINE G4-CARB-250-EVAP
84086411008296	REC BOATS-GASOLINE-SAILBOAT AUXILIARY ENGINE G4-FI-250-EVAP
84086411008298	REC BOATS-GASOLINE-SAILBOAT AUXILIARY ENGINE G4-CARB-500-EVAP
84086411008332	REC BOATS-GASOLINE-SAILBOAT AUXILIARY ENGINE G4-FI-500-EVAP
84086411008334	REC BOATS-GASOLINE-SAILBOAT AUXILIARY ENGINE G4-CARB-750-EVAP
84086411008336	REC BOATS-GASOLINE-SAILBOAT AUXILIARY ENGINE G4-FI-750-EVAP
84086411008338	REC BOATS-GASOLINE-SAILBOAT AUXILIARY ENGINE G2-CARB-2-EVAP
84086411008340	REC BOATS-GASOLINE-SAILBOAT AUXILIARY ENGINE G2-FI-2-EVAP
84086411008342	REC BOATS-GASOLINE-SAILBOAT AUXILIARY ENGINE G2-CARB-15-EVAP
84086411008422	REC BOATS-GASOLINE-SAILBOAT AUXILIARY ENGINE G2-FI-15-EVAP
84086411008424	REC BOATS-GASOLINE-SAILBOAT AUXILIARY ENGINE G2-CARB-25-EVAP
84086411008426	REC BOATS-GASOLINE-SAILBOAT AUXILIARY ENGINE G2-FI-25-EVAP
84086411008428	REC BOATS-GASOLINE-SAILBOAT AUXILIARY ENGINE G2-CARB-50-EVAP
84086411008430	REC BOATS-GASOLINE-SAILBOAT AUXILIARY ENGINE G2-FI-50-EVAP
84086411008432	REC BOATS-GASOLINE-SAILBOAT AUXILIARY ENGINE G2-CARB-120-EVAP
84086411008562	REC BOATS-GASOLINE-SAILBOAT AUXILIARY ENGINE G2-FI-120-EVAP
84086411008564	REC BOATS-GASOLINE-SAILBOAT AUXILIARY ENGINE G2-CARB-175-EVAP
84086411008566	REC BOATS-GASOLINE-SAILBOAT AUXILIARY ENGINE G2-FI-175-EVAP
84086411008568	REC BOATS-GASOLINE-SAILBOAT AUXILIARY ENGINE G2-CARB-250-EVAP

<i>EIC/SCC</i>	<i>CATEGORY NAME</i>
84086411008570	REC BOATS-GASOLINE-SAILBOAT AUXILIARY ENGINE G2-FI-250-EVAP
84086411008572	REC BOATS-GASOLINE-SAILBOAT AUXILIARY ENGINE G2-CARB-500-EVAP
84086411008656	REC BOATS-GASOLINE-SAILBOAT AUXILIARY ENGINE G2-FI-500-EVAP
84086411008658	REC BOATS-GASOLINE-SAILBOAT AUXILIARY ENGINE G2-CARB-750-EVAP
84086411008660	REC BOATS-GASOLINE-SAILBOAT AUXILIARY ENGINE G2-FI-750-EVAP
84086411009565	REC BOATS-GASOLINE-VESSELS W/INBOARD ENGINES-G4-250-EVAP
84086411009585	REC BOATS-GASOLINE -VESSELS W/INBOARD JET ENGINES-G4-500-EVAP
84086411009593	REC BOATS-GASOLINE-VESSELS W/OUTBOARD ENGINES-G2-2-EVAP
84086411009603	REC BOATS-GASOLINE-VESSELS W/OUTBOARD ENGINES-G2-15-EVAP
84086411009613	REC BOATS-GASOLINE-VESSELS W/OUTBOARD ENGINES-G2-25-EVAP
84086411009623	REC BOATS-GASOLINE-VESSELS W/OUTBOARD ENGINES-G2-50-EVAP
84086411009635	REC BOATS-GASOLINE-VESSELS W/OUTBOARD ENGINES-G4-50-EVAP
84086411009643	REC BOATS-GASOLINE-VESSELS W/OUTBOARD ENGINES-G2-120-EVAP
84086411009653	REC BOATS-GASOLINE-VESSELS W/OUTBOARD ENGINES-G2-175-EVAP
84086411009663	REC BOATS-GASOLINE-VESSELS W/OUTBOARD ENGINES-G2-250-EVAP
84086411009673	REC BOATS-GASOLINE-VESSELS W/OUTBOARD ENGINES-G2-500-EVAP
84086411009685	REC BOATS-GASOLINE-VESSELS W/STERNDRIVE ENGINES-G4-250-EVAP
85087011006253	OFF-ROAD REC VEHICLES-SNOWMOBILES-GASOLINE-G2-25-EVAP
85087011006255	OFF-ROAD REC VEHICLES-SNOWMOBILES-GASOLINE-G4-25-EVAP
85087011006553	OFF-ROAD REC VEHICLES-SNOWMOBILES-GASOLINE-G2-50-EVAP
85087011006555	OFF-ROAD REC VEHICLES-SNOWMOBILES-GASOLINE-G4-50-EVAP
85087011006653	OFF-ROAD REC VEHICLES-SNOWMOBILES-GASOLINE-G2-120-EVAP
85087011006655	OFF-ROAD REC VEHICLES-SNOWMOBILES-GASOLINE-G4-120-EVAP
85087111000021	OFF-ROAD REC VEHICLES-REC EQUIPMENT-GASOLINE-TWO-STROKE EVAP
85087111000041	OFF-ROAD REC VEHICLES-REC EQUIPMENT-GASOLINE-FOUR-STROKE EVAP
85087211004053	OFF-ROAD REC VEHICLES-OFF-ROAD MOTORCYCLES-GASOLINE-G2-5-EVAP
85087211004055	OFF-ROAD REC VEHICLES-OFF-ROAD MOTORCYCLES-GASOLINE-G4-5-EVAP
85087211004153	OFF-ROAD REC VEHICLES-OFF-ROAD MOTORCYCLES-GASOLINE-G2-15-EVAP
85087211004155	OFF-ROAD REC VEHICLES-OFF-ROAD MOTORCYCLES-GASOLINE-G4-15-EVAP
85087211004253	OFF-ROAD REC VEHICLES-OFF-ROAD MOTORCYCLES-GASOLINE-G2-25-EVAP
85087211004255	OFF-ROAD REC VEHICLES-OFF-ROAD MOTORCYCLES-GASOLINE-G4-25-EVAP
85087211004553	OFF-ROAD REC VEHICLES-OFF-ROAD MOTORCYCLES-GASOLINE-G2-50-EVAP
85087211004555	OFF-ROAD REC VEHICLES-OFF-ROAD MOTORCYCLES-GASOLINE-G4-50-EVAP
85087211004653	OFF-ROAD REC VEHICLES-OFF-ROAD MOTORCYCLES-GASOLINE-G2-120-EVAP
85087211004655	OFF-ROAD REC VEHICLES-OFF-ROAD MOTORCYCLES-GASOLINE-G4-120-EVAP
85087311003053	OFF-ROAD REC VEHICLES-MINIBIKES-GASOLINE-MINIBIKES -G2-5-EVAP
85087311003055	OFF-ROAD REC VEHICLES-MINIBIKES-GASOLINE-MINIBIKES -G4-5-EVAP
85087311003253	OFF-ROAD REC VEHICLES-MINIBIKES-GASOLINE-MINIBIKES -G2-15-EVAP
85087311003255	OFF-ROAD REC VEHICLES-MINIBIKES-GASOLINE-MINIBIKES -G4-15-EVAP
85087311003453	OFF-ROAD REC VEHICLES-MINIBIKES-GASOLINE-MINIBIKES -G2-25-EVAP
85087311003455	OFF-ROAD REC VEHICLES-MINIBIKES-GASOLINE-MINIBIKES -G4-25-EVAP
85087411000953	OFF-ROAD REC VEH-ALL-TERRAIN VEHICLES (ATV'S)-GASOLINE-G2-5-EVAP
85087411000955	OFF-ROAD REC VEH-ALL-TERRAIN VEHICLES (ATV'S)-GASOLINE-G4-5-EVAP
85087411001053	OFF-ROAD REC VEH-ALL-TERRAIN VEHICLES (ATV'S)-GASOLINE-G2-15-EVAP
85087411001055	OFF-ROAD REC VEH-ALL-TERRAIN VEHICLES (ATV'S)-GASOLINE-G4-15-EVAP
85087411001253	OFF-ROAD REC VEH-ALL-TERRAIN VEHICLES (ATV'S)-GASOLINE-G2-25-EVAP
85087411001255	OFF-ROAD REC VEH-ALL-TERRAIN VEHICLES (ATV'S)-GASOLINE-G4-25-EVAP

<i>EIC/SCC</i>	<i>CATEGORY NAME</i>
85087411001553	OFF-ROAD REC VEH-ALL-TERRAIN VEHICLES (ATV'S)-GASOLINE-G2-50-EVAP
85087411001555	OFF-ROAD REC VEH-ALL-TERRAIN VEHICLES (ATV'S)-GASOLINE-G4-50-EVAP
85087411001653	OFF-ROAD REC VEH-ALL-TERRAIN VEHICLES (ATV'S)-GASOLINE-G2-120-EVAP
85087411001655	OFF-ROAD REC VEH-ALL-TERRAIN VEHICLES (ATV'S)-GASOLINE-G4-120-EVAP
85087511002153	OFF-ROAD REC VEH-GOLF CARTS-GASOLINE-GOLF CARTS -G2-15-EVAP
85087511002155	OFF-ROAD REC VEH-GOLF CARTS-GASOLINE-GOLF CARTS -G4-15-EVAP
85087711005153	OFF-ROAD REC VEH-SPECIALTY VEHICLES CARTS-GASOLINE -G2-5-EVAP
85087711005155	OFF-ROAD REC VEH-SPECIALTY VEHICLES CARTS-GASOLINE -G4-5-EVAP
85087711005253	OFF-ROAD REC VEH-SPECIALTY VEHICLES CARTS-GASOLINE -G2-15-EVAP
85087711005255	OFF-ROAD REC VEH-SPECIALTY VEHICLES CARTS-GASOLINE -G4-15-EVAP
85087711005353	OFF-ROAD REC VEH-SPECIALTY VEHICLES CARTS-GASOLINE -G2-25-EVAP
85087711005355	OFF-ROAD REC VEH-SPECIALTY VEHICLES CARTS-GASOLINE -G4-25-EVAP
85087711005453	OFF-ROAD REC VEH-SPECIALTY VEHICLES CARTS-GASOLINE -G2-15-EVAP
86088311000021	OFF-ROAD EQUIP- LAWN & GARDEN EQUIP-GASOLINE-TWO-STROKE EVAP
86088311000041	OFF-ROAD EQUIP- LAWN & GARDEN EQUIP-GASOLINE-FOUR-STROKE EVAP
86088411000041	OFF-ROAD EQUIP-TRANSPORT REFRIGERATION UNITS-GASOLINE-FOUR-STROKE EVAP
86088411009375	OFF-ROAD EQUIP-TRANSPORT REFRIGERATION UNITS-GASOLINE-G4-15-EVAP
86088511000021	OFF-ROAD EQUIP-LIGHT COMMERCIAL EQUIP-GASOLINE-TWO-STROKE EVAP
86088511000041	OFF-ROAD EQUIP-LIGHT COMMERCIAL EQUIP-GASOLINE-FOUR-STROKE EVAP
86088611000021	OFF-ROAD EQUIP-INDUSTRIAL EQUIP-GASOLINE-TWO-STROKE EVAP
86088611000041	OFF-ROAD EQUIP-INDUSTRIAL EQUIP-GASOLINE-FOUR-STROKE EVAP
86088611000145	OFF-ROAD EQUIP-INDUSTRIAL EQUIP-GASOLINE-AERIAL LIFTS-G4-15-EVAP
86088611000175	OFF-ROAD EQUIP-INDUSTRIAL EQUIP-GASOLINE-AERIAL LIFTS-G4-25-EVAP
86088611000205	OFF-ROAD EQUIP-INDUSTRIAL EQUIP-GASOLINE-AERIAL LIFTS-G4-50-EVAP
86088611000225	OFF-ROAD EQUIP-INDUSTRIAL EQUIP-GASOLINE-AERIAL LIFTS-G4-120-EVAP
86088611002855	OFF-ROAD EQUIP-INDUSTRIAL EQUIP-GASOLINE-FORKLIFTS-G4-25-EVAP
86088611002875	OFF-ROAD EQUIP-INDUSTRIAL EQUIP-GASOLINE-FORKLIFTS-G4-50-EVAP
86088611002905	OFF-ROAD EQUIP-INDUSTRIAL EQUIP-GASOLINE-FORKLIFTS-G4-120-EVAP
86088611002935	OFF-ROAD EQUIP-INDUSTRIAL EQUIP-GASOLINE-FORKLIFTS-G4-175-EVAP
86088611005503	OFF-ROAD EQUIP-INDUSTRIAL EQUIP-GASOLINE-OTHER GENERAL INDUSTRIAL EQUIP-G2-15-EVAP
86088611005515	OFF-ROAD EQUIP-INDUSTRIAL EQUIP-GASOLINE-OTHER GENERAL INDUSTRIAL EQUIP-G4-15-EVAP
86088611005535	OFF-ROAD EQUIP-INDUSTRIAL EQUIP-GASOLINE-OTHER GENERAL INDUSTRIAL EQUIP-G4-25-EVAP
86088611005555	OFF-ROAD EQUIP-INDUSTRIAL EQUIP-GASOLINE-OTHER GENERAL INDUSTRIAL EQUIP-G4-50-EVAP
86088611005575	OFF-ROAD EQUIP-INDUSTRIAL EQUIP-GASOLINE-OTHER GENERAL INDUSTRIAL EQUIP-G4-120-EVAP
86088611005595	OFF-ROAD EQUIP-INDUSTRIAL EQUIP-GASOLINE-OTHER GENERAL INDUSTRIAL EQUIP-G4-175-EVAP
86088611005805	OFF-ROAD EQUIP-INDUSTRIAL EQUIP-GASOLINE-OTHER MATERIAL HANDLING EQUIP-G4-50-EVAP
86088611005825	OFF-ROAD EQUIP-INDUSTRIAL EQUIP-GASOLINE-OTHER MATERIAL HANDLING EQUIP-G4-120-EVAP
86088611008855	OFF-ROAD EQUIP-INDUSTRIAL EQUIP-GASOLINE-SWEEPERS/SCRUBBERS-G4-15-EVAP
86088611008875	OFF-ROAD EQUIP-INDUSTRIAL EQUIP-GASOLINE-SWEEPERS/SCRUBBERS-G4-25-EVAP
86088611008895	OFF-ROAD EQUIP-INDUSTRIAL EQUIP-GASOLINE-SWEEPERS/SCRUBBERS-G4-50-EVAP
86088611008915	OFF-ROAD EQUIP-INDUSTRIAL EQUIP-GASOLINE-SWEEPERS/SCRUBBERS-G4-120-EVAP
86088611008935	OFF-ROAD EQUIP-INDUSTRIAL EQUIP-GASOLINE-SWEEPERS/SCRUBBERS-G4-175-EVAP
86088711000021	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-TWO-STROKE EVAP
86088711000041	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-FOUR-STROKE EVAP
86088711000655	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-ASPHALT PAVERS-G4-15-EVAP
86088711000665	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-ASPHALT PAVERS-G4-25-EVAP
86088711000675	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-ASPHALT PAVERS-G4-50-EVAP

<i>EIC/SCC</i>	<i>CATEGORY NAME</i>
86088711000685	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-ASPHALT PAVERS-G4-120-EVAP
86088711000835	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-BORE/DRILL RIGS-G4-15-EVAP
86088711000855	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-BORE/DRILL RIGS-G4-25-EVAP
86088711000875	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-BORE/DRILL RIGS-G4-50-EVAP
86088711000895	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-BORE/DRILL RIGS-G4-120-EVAP
86088711000915	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-BORE/DRILL RIGS-G4-175-EVAP
86088711001105	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-CEMENT AND MORTAR MIXERS-G4-5-EVAP
86088711001115	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-CEMENT AND MORTAR MIXERS-G4-15-EVAP
86088711001135	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-CEMENT AND MORTAR MIXERS-G4-25-EVAP
86088711001675	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-CONCRETE/INDUSTRIAL SAWS-G4-5-EVAP
86088711001685	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-CONCRETE/INDUSTRIAL SAWS-G4-15-EVAP
86088711001695	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-CONCRETE/INDUSTRIAL SAWS-G4-25-EVAP
86088711001715	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-CONCRETE/INDUSTRIAL SAWS-G4-50-EVAP
86088711001765	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-CONCRETE/INDUSTRIAL SAWS-G4-120-EVAP
86088711001995	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-CRANES-G4-50-EVAP
86088711002015	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-CRANES-G4-120-EVAP
86088711002035	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-CRANES-G4-175-EVAP
86088711002175	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-CRUSHING/PROC. EQUIP-G4-15-EVAP
86088711002185	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-CRUSHING/PROC. EQUIP-G4-25-EVAP
86088711002205	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-CRUSHING/PROC. EQUIP-G4-120-EVAP
86088711002405	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-DUMPERS/TENDERS-G4-5-EVAP
86088711002415	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-DUMPERS/TENDERS-G4-15-EVAP
86088711002455	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-DUMPERS/TENDERS-G4-25-EVAP
86088711002475	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-DUMPERS/TENDERS-G4-120-EVAP
86088711005385	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-OTHER CONSTRUCTION EQUIP-G4-175-EVAP
86088711006165	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-PAVING EQUIP-G4-5-EVAP
86088711006175	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-PAVING EQUIP-G4-15-EVAP
86088711006185	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-PAVING EQUIP-G4-25-EVAP
86088711006205	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-PAVING EQUIP-G4-50-EVAP
86088711006225	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-PAVING EQUIP-G4-120-EVAP
86088711006315	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-PLATE COMPACTORS-G4-5-EVAP
86088711006323	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-PLATE COMPACTORS-G2-15-EVAP
86088711006345	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-PLATE COMPACTORS-G4-15-EVAP
86088711007625	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-ROLLERS-G4-5-EVAP
86088711007635	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-ROLLERS-G4-15-EVAP
86088711007655	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-ROLLERS-G4-25-EVAP
86088711007675	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-ROLLERS-G4-50-EVAP
86088711007695	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-ROLLERS-G4-120-EVAP
86088711007745	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-ROUGH TERRAIN FORKLIFTS-G4-50-EVAP
86088711007765	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-ROUGH TERRAIN FORKLIFTS-G4-120-EVAP
86088711007785	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-ROUGH TERRAIN FORKLIFTS-G4-175-EVAP
86088711007885	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-RUBBER TIRED LOADERS-G4-50-EVAP
86088711007905	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-RUBBER TIRED LOADERS-G4-120-EVAP
86088711008145	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-SIGNAL BOARDS-G4-5-EVAP
86088711008155	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-SIGNAL BOARDS-G4-15-EVAP
86088711008215	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-SKID STEER LOADERS-G4-15-EVAP
86088711008225	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-SKID STEER LOADERS-G4-25-EVAP

<i>EIC/SCC</i>	<i>CATEGORY NAME</i>
86088711008265	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-SKID STEER LOADERS-G4-50-EVAP
86088711008285	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-SKID STEER LOADERS-G4-120-EVAP
86088711008575	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-SURFACING EQUIP-G4-5-EVAP
86088711008585	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-SURFACING EQUIP-G4-15-EVAP
86088711008595	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-SURFACING EQUIP-G4-25-EVAP
86088711009013	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-TAMPERS/RAMMERS-G2-15-EVAP
86088711009025	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-TAMPERS/RAMMERS-G4-15-EVAP
86088711009335	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-TRACTORS/LOADERS/BACKHOES-G4-120-EVAP
86088711009425	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-TRENCHERS-G4-15-EVAP
86088711009445	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-TRENCHERS-G4-25-EVAP
86088711009465	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-TRENCHERS-G4-50-EVAP
86088711009485	OFF-ROAD EQUIP-CONSTRUCTION & MINING EQUIP-GASOLINE-TRENCHERS-G4-120-EVAP
86088811000021	OFF-ROAD EQUIP-LOGGING EQUIP-GASOLINE-TWO-STROKE EVAP
86088811000041	OFF-ROAD EQUIP-LOGGING EQUIP-GASOLINE-FOUR-STROKE EVAP
86088811001163	OFF-ROAD EQUIP-LOGGING EQUIP-GASOLINE-CHAINSAWS-G2-15-EVAP
86088811008125	OFF-ROAD EQUIP-LOGGING EQUIP-GASOLINE-SHREDDERS-G4-15-EVAP
86088911000021	OFF-ROAD EQUIP-AIRPORT GROUND SUPPORT EQUIP-GASOLINE-TWO-STROKE EVAP
86088911000041	OFF-ROAD EQUIP-AIRPORT GROUND SUPPORT EQUIP-GASOLINE-FOUR-STROKE EVAP
86088911000055	OFF-ROAD EQUIP-AIRPORT GROUND SUPPORT EQUIP-GASOLINE-A/C TUG NARROW BODY-G4-175-EVAP
86088911000085	OFF-ROAD EQUIP-AIRPORT GROUND SUPPORT EQUIP-GASOLINE-A/C TUG WIDE BODY-G4-500-EVAP
86088911000535	OFF-ROAD EQUIP-AIRPORT GROUND SUPPORT EQUIP-GASOLINE-AIR CONDITIONER-G4-175-EVAP
86088911000585	OFF-ROAD EQUIP-AIRPORT GROUND SUPPORT EQUIP-GASOLINE-AIR START UNIT-G4-175-EVAP
86088911000705	OFF-ROAD EQUIP-AIRPORT GROUND SUPPORT EQUIP-GASOLINE-BAGGAGE TUG-G4-120-EVAP
86088911000775	OFF-ROAD EQUIP-AIRPORT GROUND SUPPORT EQUIP-GASOLINE-BELT LOADER-G4-120-EVAP
86088911000805	OFF-ROAD EQUIP-AIRPORT GROUND SUPPORT EQUIP-GASOLINE-BOBTAIL-G4-120-EVAP
86088911000975	OFF-ROAD EQUIP-AIRPORT GROUND SUPPORT EQUIP-GASOLINE-CARGO LOADER-G4-120-EVAP
86088911001005	OFF-ROAD EQUIP-AIRPORT GROUND SUPPORT EQUIP-GASOLINE-CARGO TRACTOR-G4-120-EVAP
86088911001035	OFF-ROAD EQUIP-AIRPORT GROUND SUPPORT EQUIP-GASOLINE-CART-G4-15-EVAP
86088911001075	OFF-ROAD EQUIP-AIRPORT GROUND SUPPORT EQUIP-GASOLINE-CATERING TRUCK-G4-250-EVAP
86088911002285	OFF-ROAD EQUIP-AIRPORT GROUND SUPPORT EQUIP-GASOLINE-DEICER-G4-120-EVAP
86088911002705	OFF-ROAD EQUIP-AIRPORT GROUND SUPPORT EQUIP-GASOLINE-FORKLIFT-G4-50-EVAP
86088911003005	OFF-ROAD EQUIP-AIRPORT GROUND SUPPORT EQUIP-GASOLINE-FUEL TRUCK-G4-175-EVAP
86088911003085	OFF-ROAD EQUIP-AIRPORT GROUND SUPPORT EQUIP-GASOLINE-GENERATOR-G4-120-EVAP
86088911003765	OFF-ROAD EQUIP-AIRPORT GROUND SUPPORT EQUIP-GASOLINE-GROUND POWER UNIT-G4-175-EVAP
86088911003855	OFF-ROAD EQUIP-AIRPORT GROUND SUPPORT EQUIP-GASOLINE-HYDRANT TRUCK-G4-175-EVAP
86088911004005	OFF-ROAD EQUIP-AIRPORT GROUND SUPPORT EQUIP-GASOLINE-LAV CART-G4-15-EVAP
86088911004015	OFF-ROAD EQUIP-AIRPORT GROUND SUPPORT EQUIP-GASOLINE-LAV TRUCK-G4-175-EVAP
86088911004165	OFF-ROAD EQUIP-AIRPORT GROUND SUPPORT EQUIP-GASOLINE-LIFT-G4-120-EVAP
86088911004285	OFF-ROAD EQUIP-AIRPORT GROUND SUPPORT EQUIP-GASOLINE-MAINT. TRUCK-G4-175-EVAP
86088911005655	OFF-ROAD EQUIP-AIRPORT GROUND SUPPORT EQUIP-GASOLINE-OTHER GSE-G4-50-EVAP
86088911006065	OFF-ROAD EQUIP-AIRPORT GROUND SUPPORT EQUIP-GASOLINE-PASSENGER STAND-G4-175-EVAP
86088911008085	OFF-ROAD EQUIP-AIRPORT GROUND SUPPORT EQUIP-GASOLINE-SERVICE TRUCK-G4-250-EVAP
86088911008715	OFF-ROAD EQUIP-AIRPORT GROUND SUPPORT EQUIP-GASOLINE-SWEEPER-G4-120-EVAP
86088911009695	OFF-ROAD EQUIP-AIRPORT GROUND SUPPORT EQUIP-GASOLINE-WATER TRUCK-G4-175-EVAP
86089011000041	OFF-ROAD EQUIP-DREDGING-GASOLINE-FOUR-STROKE EVAP
86089111000041	OFF-ROAD EQUIP-OIL DRILLING AND WORKOVER-GASOLINE-FOUR-STROKE EVAP
86089211000041	OFF-ROAD EQUIP-MILITARY TACTICAL SUPPORT EQUIP-GASOLINE-FOUR-STROKE EVAP

<i>EIC/SCC</i>	<i>CATEGORY NAME</i>
86090111001153	OFF-ROAD EQUIP-LAWN & GARDEN (COMMERCIAL)-GASOLINE-CHAINSAWS-G2-2-EVAP
86090111001167	OFF-ROAD EQUIP-LAWN & GARDEN (COMMERCIAL)-GASOLINE-CHAINSAWS-G2-15-NONPREEMPT-EVAP
86090111001169	OFF-ROAD EQUIP-LAWN & GARDEN (COMMERCIAL)-GASOLINE-CHAINSAWS-G2-15-PREEMPT-EVAP
86090111001175	OFF-ROAD EQUIP-LAWN & GARDEN (COMMERCIAL)-GASOLINE-CHIPPERS/STUMP GRINDERS-G4-15-EVAP
86090111001185	OFF-ROAD EQUIP-LAWN & GARDEN (COMMERCIAL)-GASOLINE-CHIPPERS/STUMP GRINDERS-G4-25-EVAP
86090111001333	OFF-ROAD EQUIP-LAWN & GARDEN (COMMERCIAL)-GASOLINE-COMMERCIAL TURF EQUIP-G2-15-EVAP
86090111001345	OFF-ROAD EQUIP-LAWN & GARDEN (COMMERCIAL)-GASOLINE-COMMERCIAL TURF EQUIP-G4-15-EVAP
86090111001363	OFF-ROAD EQUIP-LAWN & GARDEN (COMMERCIAL)-GASOLINE-COMMERCIAL TURF EQUIP-G2-25-EVAP
86090111001375	OFF-ROAD EQUIP-LAWN & GARDEN (COMMERCIAL)-GASOLINE-COMMERCIAL TURF EQUIP-G4-25-EVAP
86090111002985	OFF-ROAD EQUIP-LAWN & GARDEN (COMMERCIAL)-GASOLINE-FRONT MOWERS-G4-15-EVAP
86090111002995	OFF-ROAD EQUIP-LAWN & GARDEN (COMMERCIAL)-GASOLINE-FRONT MOWERS-G4-25-EVAP
86090111004045	OFF-ROAD EQUIP-LAWN & GARDEN (COMMERCIAL)-GASOLINE-LAWN & GARDEN TRACTORS-G4-15-EVAP
86090111004065	OFF-ROAD EQUIP-LAWN & GARDEN (COMMERCIAL)-GASOLINE-LAWN & GARDEN TRACTORS-G4-25-EVAP
86090111004095	OFF-ROAD EQUIP-LAWN & GARDEN (COMMERCIAL)-GASOLINE-LAWN MOWERS-G4-5-EVAP
86090111004103	OFF-ROAD EQUIP-LAWN & GARDEN (COMMERCIAL)-GASOLINE-LAWN MOWERS-G2-15-EVAP
86090111004113	OFF-ROAD EQUIP-LAWN & GARDEN (COMMERCIAL)-GASOLINE-LEAF BLOWERS/VACUUMS-G2-2-EVAP
86090111004125	OFF-ROAD EQUIP-LAWN & GARDEN (COMMERCIAL)-GASOLINE-LEAF BLOWERS/VACUUMS-G4-5-EVAP
86090111005673	OFF-ROAD EQUIP-LAWN & GARDEN (COMMERCIAL)-GASOLINE-OTHER LAWN & GARDEN EQUIP-G2-2-EVAP
86090111005685	OFF-ROAD EQUIP-LAWN & GARDEN (COMMERCIAL)-GASOLINE-OTHER LAWN & GARDEN EQUIP-G4-5-EVAP
86090111005693	OFF-ROAD EQUIP-LAWN & GARDEN (COMMERCIAL)-GASOLINE-OTHER LAWN & GARDEN EQUIP-G2-15-EVAP
86090111005705	OFF-ROAD EQUIP-LAWN & GARDEN (COMMERCIAL)-GASOLINE-OTHER LAWN & GARDEN EQUIP-G4-15-EVAP
86090111005725	OFF-ROAD EQUIP-LAWN & GARDEN (COMMERCIAL)-GASOLINE-OTHER LAWN & GARDEN EQUIP-G4-25-EVAP
86090111007605	OFF-ROAD EQUIP-LAWN & GARDEN (COMMERCIAL)-GASOLINE-REAR ENGINE RIDING MOWERS-G4-15-EVAP
86090111007615	OFF-ROAD EQUIP-LAWN & GARDEN (COMMERCIAL)-GASOLINE-REAR ENGINE RIDING MOWERS-G4-25-EVAP
86090111008105	OFF-ROAD EQUIP-LAWN & GARDEN (COMMERCIAL)-GASOLINE-SHREDDERS-G4-5-EVAP
86090111008113	OFF-ROAD EQUIP-LAWN & GARDEN (COMMERCIAL)-GASOLINE-SHREDDERS-G2-15-EVAP
86090111008345	OFF-ROAD EQUIP-LAWN & GARDEN (COMMERCIAL)-GASOLINE-SNOWBLOWERS-G4-5-EVAP
86090111008353	OFF-ROAD EQUIP-LAWN & GARDEN (COMMERCIAL)-GASOLINE-SNOWBLOWERS-G2-15-EVAP
86090111008365	OFF-ROAD EQUIP-LAWN & GARDEN (COMMERCIAL)-GASOLINE-SNOWBLOWERS-G4-15-EVAP
86090111008373	OFF-ROAD EQUIP-LAWN & GARDEN (COMMERCIAL)-GASOLINE-SNOWBLOWERS-G2-25-EVAP
86090111008385	OFF-ROAD EQUIP-LAWN & GARDEN (COMMERCIAL)-GASOLINE-SNOWBLOWERS-G4-25-EVAP
86090111009075	OFF-ROAD EQUIP-LAWN & GARDEN (COMMERCIAL)-GASOLINE-TILLERS-G4-5-EVAP
86090111009543	OFF-ROAD EQUIP-LAWN & GARDEN (COMMERCIAL)-GASOLINE-TRIMMERS/EDGERS/BRUSH CUTTERS-G2-2-EVAP
86090111009555	OFF-ROAD EQUIP-LAWN & GARDEN (COMMERCIAL)-GASOLINE-TRIMMERS/EDGERS/BRUSH CUTTERS-G4-5-EVAP
86090111009835	OFF-ROAD EQUIP-LAWN & GARDEN (COMMERCIAL)-GASOLINE-WOOD SPLITTERS-G4-5-EVAP
86090211001153	OFF-ROAD EQUIP-LAWN & GARDEN (RESIDENTIAL)-GASOLINE-CHAINSAWS-G2-2-EVAP
86090211001167	OFF-ROAD EQUIP-LAWN & GARDEN (RESIDENTIAL)-GASOLINE-CHAINSAWS-G2-15-NONPREEMPT-EVAP
86090211001169	OFF-ROAD EQUIP-LAWN & GARDEN (RESIDENTIAL)-GASOLINE-CHAINSAWS-G2-15-PREEMPT-EVAP
86090211001175	OFF-ROAD EQUIP-LAWN & GARDEN (RESIDENTIAL)-GASOLINE-CHIPPERS/STUMP GRINDERS-G4-15-EVAP
86090211001185	OFF-ROAD EQUIP-LAWN & GARDEN (RESIDENTIAL)-GASOLINE-CHIPPERS/STUMP GRINDERS-G4-25-EVAP
86090211002985	OFF-ROAD EQUIP-LAWN & GARDEN (RESIDENTIAL)-GASOLINE-FRONT MOWERS-G4-15-EVAP
86090211002995	OFF-ROAD EQUIP-LAWN & GARDEN (RESIDENTIAL)-GASOLINE-FRONT MOWERS-G4-25-EVAP
86090211004045	OFF-ROAD EQUIP-LAWN & GARDEN (RESIDENTIAL)-GASOLINE-LAWN & GARDEN TRACTORS-G4-15-EVAP
86090211004065	OFF-ROAD EQUIP-LAWN & GARDEN (RESIDENTIAL)-GASOLINE-LAWN & GARDEN TRACTORS-G4-25-EVAP
86090211004095	OFF-ROAD EQUIP-LAWN & GARDEN (RESIDENTIAL)-GASOLINE-LAWN MOWERS-G4-5-EVAP
86090211004103	OFF-ROAD EQUIP-LAWN & GARDEN (RESIDENTIAL)-GASOLINE-LAWN MOWERS-G2-15-EVAP
86090211004113	OFF-ROAD EQUIP-LAWN & GARDEN (RESIDENTIAL)-GASOLINE-LEAF BLOWERS/VACUUMS-G2-2-EVAP

<i>EIC/SCC</i>	<i>CATEGORY NAME</i>
86090211004125	OFF-ROAD EQUIP-LAWN & GARDEN (RESIDENTIAL)-GASOLINE-LEAF BLOWERS/VACUUMS-G4-5-EVAP
86090211005673	OFF-ROAD EQUIP-LAWN & GARDEN (RESIDENTIAL)-GASOLINE-OTHER LAWN & GARDEN EQUIP-G2-2-EVAP
86090211005685	OFF-ROAD EQUIP-LAWN & GARDEN (RESIDENTIAL)-GASOLINE-OTHER LAWN & GARDEN EQUIP-G4-5-EVAP
86090211005693	OFF-ROAD EQUIP-LAWN & GARDEN (RESIDENTIAL)-GASOLINE-OTHER LAWN & GARDEN EQUIP-G2-15-EVAP
86090211005705	OFF-ROAD EQUIP-LAWN & GARDEN (RESIDENTIAL)-GASOLINE-OTHER LAWN & GARDEN EQUIP-G4-15-EVAP
86090211005725	OFF-ROAD EQUIP-LAWN & GARDEN (RESIDENTIAL)-GASOLINE-OTHER LAWN & GARDEN EQUIP-G4-25-EVAP
86090211007605	OFF-ROAD EQUIP-LAWN & GARDEN (RESIDENTIAL)-GASOLINE-REAR ENGINE RIDING MOWERS-G4-15-EVAP
86090211007615	OFF-ROAD EQUIP-LAWN & GARDEN (RESIDENTIAL)-GASOLINE-REAR ENGINE RIDING MOWERS-G4-25-EVAP
86090211008105	OFF-ROAD EQUIP-LAWN & GARDEN (RESIDENTIAL)-GASOLINE-SHREDDERS-G4-5-EVAP
86090211008113	OFF-ROAD EQUIP-LAWN & GARDEN (RESIDENTIAL)-GASOLINE-SHREDDERS-G2-15-EVAP
86090211008345	OFF-ROAD EQUIP-LAWN & GARDEN (RESIDENTIAL)-GASOLINE-SNOWBLOWERS-G4-5-EVAP
86090211008353	OFF-ROAD EQUIP-LAWN & GARDEN (RESIDENTIAL)-GASOLINE-SNOWBLOWERS-G2-15-EVAP
86090211008365	OFF-ROAD EQUIP-LAWN & GARDEN (RESIDENTIAL)-GASOLINE-SNOWBLOWERS-G4-15-EVAP
86090211008373	OFF-ROAD EQUIP-LAWN & GARDEN (RESIDENTIAL)-GASOLINE-SNOWBLOWERS-G2-25-EVAP
86090211008385	OFF-ROAD EQUIP-LAWN & GARDEN (RESIDENTIAL)-GASOLINE-SNOWBLOWERS-G4-25-EVAP
86090211009075	OFF-ROAD EQUIP-LAWN & GARDEN (RESIDENTIAL)-GASOLINE-TILLERS-G4-5-EVAP
86090211009543	OFF-ROAD EQUIP-LAWN & GARDEN (RESIDENTIAL)-GASOLINE-TRIMMERS/EDGERS/BRUSH CUTTERS-G2-2-EVAP
86090211009555	OFF-ROAD EQUIP-LAWN & GARDEN (RESIDENTIAL)-GASOLINE-TRIMMERS/EDGERS/BRUSH CUTTERS-G4-5-EVAP
86090211009835	OFF-ROAD EQUIP-LAWN & GARDEN (RESIDENTIAL)-GASOLINE-WOOD SPLITTERS-G4-5-EVAP
86090311001395	OFF-ROAD EQUIP-LAWN & GARDEN (OTHER)-GASOLINE-COMMERCIAL TURF EQUIP-G4-50-EVAP
86090311001405	OFF-ROAD EQUIP-LAWN & GARDEN (OTHER)-GASOLINE-COMMERCIAL TURF EQUIP-G4-120-EVAP
86090311004085	OFF-ROAD EQUIP-LAWN & GARDEN (OTHER)-GASOLINE-LAWN & GARDEN TRACTORS-G4-50-EVAP
86090311005745	OFF-ROAD EQUIP-LAWN & GARDEN (OTHER)-GASOLINE-OTHER LAWN & GARDEN EQUIP-G4-50-EVAP
86090311005755	OFF-ROAD EQUIP-LAWN & GARDEN (OTHER)-GASOLINE-OTHER LAWN & GARDEN EQUIP-G4-120-EVAP
86090411000385	OFF-ROAD EQUIP-COMMERCIAL (COMMERCIAL)-GASOLINE-AIR COMPRESSORS-G4-5-EVAP
86090411000395	OFF-ROAD EQUIP-COMMERCIAL (COMMERCIAL)-GASOLINE-AIR COMPRESSORS-G4-15-EVAP
86090411000415	OFF-ROAD EQUIP-COMMERCIAL (COMMERCIAL)-GASOLINE-AIR COMPRESSORS-G4-25-EVAP
86090411003503	OFF-ROAD EQUIP-COMMERCIAL (COMMERCIAL)-GASOLINE-GENERATOR SETS-G2-2-EVAP
86090411003515	OFF-ROAD EQUIP-COMMERCIAL (COMMERCIAL)-GASOLINE-GENERATOR SETS-G4-5-EVAP
86090411003523	OFF-ROAD EQUIP-COMMERCIAL (COMMERCIAL)-GASOLINE-GENERATOR SETS-G2-15-EVAP
86090411003535	OFF-ROAD EQUIP-COMMERCIAL (COMMERCIAL)-GASOLINE-GENERATOR SETS-G4-15-EVAP
86090411003555	OFF-ROAD EQUIP-COMMERCIAL (COMMERCIAL)-GASOLINE-GENERATOR SETS-G4-25-EVAP
86090411006405	OFF-ROAD EQUIP-COMMERCIAL (COMMERCIAL)-GASOLINE-PRESSURE WASHERS-G4-5-EVAP
86090411006415	OFF-ROAD EQUIP-COMMERCIAL (COMMERCIAL)-GASOLINE-PRESSURE WASHERS-G4-15-EVAP
86090411006435	OFF-ROAD EQUIP-COMMERCIAL (COMMERCIAL)-GASOLINE-PRESSURE WASHERS-G4-25-EVAP
86090411007003	OFF-ROAD EQUIP-COMMERCIAL (COMMERCIAL)-GASOLINE-PUMPS-G2-2-EVAP
86090411007015	OFF-ROAD EQUIP-COMMERCIAL (COMMERCIAL)-GASOLINE-PUMPS-G4-5-EVAP
86090411007023	OFF-ROAD EQUIP-COMMERCIAL (COMMERCIAL)-GASOLINE-PUMPS-G2-15-EVAP
86090411007035	OFF-ROAD EQUIP-COMMERCIAL (COMMERCIAL)-GASOLINE-PUMPS-G4-15-EVAP
86090411007453	OFF-ROAD EQUIP-COMMERCIAL (COMMERCIAL)-GASOLINE-PUMPS-G2-25-EVAP
86090411007465	OFF-ROAD EQUIP-COMMERCIAL (COMMERCIAL)-GASOLINE-PUMPS-G4-25-EVAP
86090411009725	OFF-ROAD EQUIP-COMMERCIAL (COMMERCIAL)-GASOLINE-WELDERS-G4-15-EVAP
86090411009745	OFF-ROAD EQUIP-COMMERCIAL (COMMERCIAL)-GASOLINE-WELDERS-G4-25-EVAP
86090511000385	OFF-ROAD EQUIP-COMMERCIAL (RESIDENTIAL)-GASOLINE-AIR COMPRESSORS-G4-5-EVAP
86090511000395	OFF-ROAD EQUIP-COMMERCIAL (RESIDENTIAL)-GASOLINE-AIR COMPRESSORS-G4-15-EVAP
86090511000415	OFF-ROAD EQUIP-COMMERCIAL (RESIDENTIAL)-GASOLINE-AIR COMPRESSORS-G4-25-EVAP
86090511003503	OFF-ROAD EQUIP-COMMERCIAL (RESIDENTIAL)-GASOLINE-GENERATOR SETS-G2-2-EVAP

<i>EIC/SCC</i>	<i>CATEGORY NAME</i>
86090511003515	OFF-ROAD EQUIP-COMMERCIAL (RESIDENTIAL)-GASOLINE-GENERATOR SETS-G4-5-EVAP
86090511003523	OFF-ROAD EQUIP-COMMERCIAL (RESIDENTIAL)-GASOLINE-GENERATOR SETS-G2-15-EVAP
86090511003535	OFF-ROAD EQUIP-COMMERCIAL (RESIDENTIAL)-GASOLINE-GENERATOR SETS-G4-15-EVAP
86090511003555	OFF-ROAD EQUIP-COMMERCIAL (RESIDENTIAL)-GASOLINE-GENERATOR SETS-G4-25-EVAP
86090511006405	OFF-ROAD EQUIP-COMMERCIAL (RESIDENTIAL)-GASOLINE-PRESSURE WASHERS-G4-5-EVAP
86090511006415	OFF-ROAD EQUIP-COMMERCIAL (RESIDENTIAL)-GASOLINE-PRESSURE WASHERS-G4-15-EVAP
86090511006435	OFF-ROAD EQUIP-COMMERCIAL (RESIDENTIAL)-GASOLINE-PRESSURE WASHERS-G4-25-EVAP
86090511007003	OFF-ROAD EQUIP-COMMERCIAL (RESIDENTIAL)-GASOLINE-PUMPS-G2-2-EVAP
86090511007015	OFF-ROAD EQUIP-COMMERCIAL (RESIDENTIAL)-GASOLINE-PUMPS-G4-5-EVAP
86090511007023	OFF-ROAD EQUIP-COMMERCIAL (RESIDENTIAL)-GASOLINE-PUMPS-G2-15-EVAP
86090511007035	OFF-ROAD EQUIP-COMMERCIAL (RESIDENTIAL)-GASOLINE-PUMPS-G4-15-EVAP
86090511007453	OFF-ROAD EQUIP-COMMERCIAL (RESIDENTIAL)-GASOLINE-PUMPS-G2-25-EVAP
86090511007465	OFF-ROAD EQUIP-COMMERCIAL (RESIDENTIAL)-GASOLINE-PUMPS-G4-25-EVAP
86090611000435	OFF-ROAD EQUIP-COMMERCIAL (OTHER)-GASOLINE-AIR COMPRESSORS-G4-50-EVAP
86090611000455	OFF-ROAD EQUIP-COMMERCIAL (OTHER)-GASOLINE-AIR COMPRESSORS-G4-120-EVAP
86090611000475	OFF-ROAD EQUIP-COMMERCIAL (OTHER)-GASOLINE-AIR COMPRESSORS-G4-175-EVAP
86090611003575	OFF-ROAD EQUIP-COMMERCIAL (OTHER)-GASOLINE-GENERATOR SETS-G4-50-EVAP
86090611003595	OFF-ROAD EQUIP-COMMERCIAL (OTHER)-GASOLINE-GENERATOR SETS-G4-120-EVAP
86090611003625	OFF-ROAD EQUIP-COMMERCIAL (OTHER)-GASOLINE-GENERATOR SETS-G4-175-EVAP
86090611006455	OFF-ROAD EQUIP-COMMERCIAL (OTHER)-GASOLINE-PRESSURE WASHERS-G4-50-EVAP
86090611007485	OFF-ROAD EQUIP-COMMERCIAL (OTHER)-GASOLINE-PUMPS-G4-50-EVAP
86090611007505	OFF-ROAD EQUIP-COMMERCIAL (OTHER)-GASOLINE-PUMPS-G4-120-EVAP
86090611007525	OFF-ROAD EQUIP-COMMERCIAL (OTHER)-GASOLINE-PUMPS-G4-175-EVAP
86090611009755	OFF-ROAD EQUIP-COMMERCIAL (OTHER)-GASOLINE-WELDERS-G4-50-EVAP
86090611009775	OFF-ROAD EQUIP-COMMERCIAL (OTHER)-GASOLINE-WELDERS-G4-120-EVAP
86090611009795	OFF-ROAD EQUIP-COMMERCIAL (OTHER)-GASOLINE-WELDERS-G4-175-EVAP
86099511000041	OFF-ROAD EQUIP-OTHER-GASOLINE-FOUR-STROKE EVAP
87089311000015	FARM EQUIP-AGRICULTURAL EQUIP-GASOLINE-2-WHEEL TRACTORS-G4-5-EVAP
87089311000025	FARM EQUIP-AGRICULTURAL EQUIP-GASOLINE-2-WHEEL TRACTORS-G4-15-EVAP
87089311000035	FARM EQUIP-AGRICULTURAL EQUIP-GASOLINE-2-WHEEL TRACTORS-G4-25-EVAP
87089311000041	FARM EQUIP-AGRICULTURAL EQUIP-GASOLINE-FOUR-STROKE EVAP
87089311000265	FARM EQUIP-AGRICULTURAL EQUIP-GASOLINE-AGRICULTURAL MOWERS-G4-15-EVAP
87089311000275	FARM EQUIP-AGRICULTURAL EQUIP-GASOLINE-AGRICULTURAL MOWERS-G4-25-EVAP
87089311000325	FARM EQUIP-AGRICULTURAL EQUIP-GASOLINE-AGRICULTURAL TRACTORS-G4-120-EVAP
87089311000345	FARM EQUIP-AGRICULTURAL EQUIP-GASOLINE-AGRICULTURAL TRACTORS-G4-175-EVAP
87089311000735	FARM EQUIP-AGRICULTURAL EQUIP-GASOLINE-BALERS-G4-50-EVAP
87089311000755	FARM EQUIP-AGRICULTURAL EQUIP-GASOLINE-BALERS-G4-120-EVAP
87089311001265	FARM EQUIP-AGRICULTURAL EQUIP-GASOLINE-COMBINES-G4-120-EVAP
87089311001285	FARM EQUIP-AGRICULTURAL EQUIP-GASOLINE-COMBINES-G4-175-EVAP
87089311001305	FARM EQUIP-AGRICULTURAL EQUIP-GASOLINE-COMBINES-G4-250-EVAP
87089311003905	FARM EQUIP-AGRICULTURAL EQUIP-GASOLINE-HYDRO POWER UNITS-G4-5-EVAP
87089311003915	FARM EQUIP-AGRICULTURAL EQUIP-GASOLINE-HYDRO POWER UNITS-G4-15-EVAP
87089311003935	FARM EQUIP-AGRICULTURAL EQUIP-GASOLINE-HYDRO POWER UNITS-G4-25-EVAP
87089311003965	FARM EQUIP-AGRICULTURAL EQUIP-GASOLINE-HYDRO POWER UNITS-G4-50-EVAP
87089311003985	FARM EQUIP-AGRICULTURAL EQUIP-GASOLINE-HYDRO POWER UNITS-G4-120-EVAP
87089311005005	FARM EQUIP-AGRICULTURAL EQUIP-GASOLINE-OTHER AGRICULTURAL EQUIP-G4-5-EVAP
87089311005015	FARM EQUIP-AGRICULTURAL EQUIP-GASOLINE-OTHER AGRICULTURAL EQUIP-G4-15-EVAP

<i>EIC/SCC</i>	<i>CATEGORY NAME</i>
87089311005035	FARM EQUIP-AGRICULTURAL EQUIP-GASOLINE-OTHER AGRICULTURAL EQUIP-G4-25-EVAP
87089311005055	FARM EQUIP-AGRICULTURAL EQUIP-GASOLINE-OTHER AGRICULTURAL EQUIP-G4-50-EVAP
87089311005075	FARM EQUIP-AGRICULTURAL EQUIP-GASOLINE-OTHER AGRICULTURAL EQUIP-G4-120-EVAP
87089311005095	FARM EQUIP-AGRICULTURAL EQUIP-GASOLINE-OTHER AGRICULTURAL EQUIP-G4-175-EVAP
87089311005115	FARM EQUIP-AGRICULTURAL EQUIP-GASOLINE-OTHER AGRICULTURAL EQUIP-G4-250-EVAP
87089311008435	FARM EQUIP-AGRICULTURAL EQUIP-GASOLINE-SPRAYERS-G4-5-EVAP
87089311008445	FARM EQUIP-AGRICULTURAL EQUIP-GASOLINE-SPRAYERS-G4-15-EVAP
87089311008455	FARM EQUIP-AGRICULTURAL EQUIP-GASOLINE-SPRAYERS-G4-25-EVAP
87089311008475	FARM EQUIP-AGRICULTURAL EQUIP-GASOLINE-SPRAYERS-G4-50-EVAP
87089311008495	FARM EQUIP-AGRICULTURAL EQUIP-GASOLINE-SPRAYERS-G4-120-EVAP
87089311008515	FARM EQUIP-AGRICULTURAL EQUIP-GASOLINE-SPRAYERS-G4-175-EVAP
87089311008665	FARM EQUIP-AGRICULTURAL EQUIP-GASOLINE-SWATHERS-G4-120-EVAP
87089311008685	FARM EQUIP-AGRICULTURAL EQUIP-GASOLINE-SWATHERS-G4-175-EVAP
87089311009085	FARM EQUIP-AGRICULTURAL EQUIP-GASOLINE-TILLERS-G4-15-EVAP
89089511000041	FUEL STORAGE AND HANDLING-GASOLINE CANS-GASOLINE-FOUR-STROKE EVAP

Appendix 2. Test vehicles from VSP-19

<i>Vehicle No.</i>	<i>Model Year</i>	<i>Manufacturer</i>	<i>Model Type</i>	<i>Vehicle Class</i>
70	2006	CHRY PT CRUSIER	PT CRUSIER	PC
71	2007	TOTA	SCION TC	PC
77	2001	GM	MALIBU	PC
80	2011	HYND	SONATA	PC
81	2003	TOTA	TACOMA TRD P/U	T2
82	2003	TOTA	COROLLA S	PC
85	2002	HOND	ACCORD	PC
90	2008	VOLK	JETTA	PC
94	2008	VOLV	XC90	PC
102	2010	NISS	ALTIMA S	PC
103	1999	VOLK	JETTA	PC
107	2007	GM	IMPALA	PC
109	2000	CHRY	DURANGO	M2
110	1994	TOTA	4 RUNNER	PC
111	1998	MB	C280	PC
113	2005	GM	TRAIL BLAZER	T2
147	2003	FORD	TAURUS SE	PC
149	2004	HOND	ACCORD DX	PC
151	1994	HOND	ACCORD DX	PC
153	1995	TOTA	CAMRY LE	PC

Appendix 3. OG speciation profile for diurnal evaporations from gasoline-powered vehicles burning summer-grade E10 fuel---OG2317

<i>Species Name</i>	<i>SAROAD</i>	<i>Weight Percentage, %</i>
(2-methylpropyl)benzene	45235	0.009874
1,2,3-trimethylbenzene	45225	0.052018
1,2,4-trimethylbenzene	45208	0.114594
1,2,4-trimethylcyclopentane	43400	0.076077
1,2-dimethyl-4-ethylbenzene	45252	0.003786
1,3,5-trimethylbenzene	45207	0.072571
1,3,5-trimethylcyclohexane	98061	0.006930
1,3-butadiene	43218	0.002487
1,3-butadiyne	43222	0.002692
1,3-dimethyl-2-ethylbenzene	45253	0.019390
1,3-dimethyl-5-ethylbenzene	45257	0.006755
1,4-dimethyl-2-ethylbenzene	45250	0.003308
1-butene	43213	0.069453
1-butyne (ethylacetylene)	98131	0.005818
1-ethyl-1-methylcyclopentane	91046	0.034255
1-ethyl-4-methylcyclohexane	92001	0.001078
1-heptene	98005	0.000980
1-hexene	43245	0.045541
1-methyl-2-ethylbenzene	99915	0.041195
1-methyl-3-ethylbenzene	99912	0.096358
1-methyl-3-isopropylbenzene	98153	0.000586
1-methyl-3-n-propylbenzene	98152	0.006080
1-methyl-4-ethylbenzene	99914	0.052721
1-methyl-4-isopropylbenzene	91094	0.006857
1-methylcyclopentene	92000	0.027011
1-nonene	43267	0.000784
1-pentene	43224	0.286491
2,2,3-trimethylbutane	43160	0.002619
2,2,4-trimethylheptane	98174	0.008593
2,2,4-trimethylhexane	45222	0.001095
2,2,4-trimethylpentane	43276	0.903815
2,2,5-trimethylheptane	43252	0.011310
2,2,5-trimethylhexane	98033	0.134941
2,2-dimethylbutane	43291	0.481137
2,2-dimethylhexane	98138	0.639970
2,2-dimethyloctane	98175	0.003069
2,2-dimethylpentane	90042	0.028668
2,2-dimethylpropane	98130	0.026894
2,3,4-trimethylpentane	43279	0.304065
2,3,5-trimethylhexane	98141	0.019451

<i>Species Name</i>	<i>SAROAD</i>	<i>Weight Percentage, %</i>
2,3-dimethyl-1-butene	43234	0.034177
2,3-dimethyl-2-pentene	90061	0.039009
2,3-dimethylbutane	98001	0.866959
2,3-dimethylheptane	98145	0.000934
2,3-dimethylhexane	98139	0.125778
2,3-dimethylpentane	43274	0.828507
2,4,4-trimethyl-1-pentene	98054	0.012227
2,4,4-trimethylhexane	45223	0.016279
2,4-dimethyl-2-pentene	90062	0.050134
2,4-dimethylheptane	98142	0.067186
2,4-dimethylhexane	43277	0.213899
2,4-dimethyloctane	98149	0.008514
2,4-dimethylpentane	43271	0.607438
2,5-dimethylhexane	43278	0.255635
2,5-dimethyloctane	98176	0.000888
2,6-dimethylheptane	98157	0.017644
2-methyl-1-butene	43225	0.443149
2-methyl-1-pentene	98040	0.107094
2-methyl-2-butene	43228	0.927820
2-methyl-2-hexene	90028	0.020724
2-methyl-2-pentene	98004	0.114155
2-methylheptane	98140	0.170873
2-methylhexane	43275	0.692773
2-methylindan	91108	0.004626
2-methylnonane	90047	0.038292
2-methyloctane	98146	0.026295
2-methylpentane	43229	2.465447
2-methyl-trans-3-hexene	91006	0.064757
3,3-dimethyl-1-butene	98169	0.177046
3,3-dimethyloctane	98184	0.000696
3,3-dimethylpentane	90040	0.008185
3,4-dimethyl-1-pentene	90075	0.004716
3,4-dimethylhexane	98150	0.034397
3,5-dimethylheptane	98144	0.112643
3-ethyl-2-pentene	98007	0.007702
3-ethylpentane	43300	0.039264
3-methyl-1-butene	43223	0.052098
3-methyl-1-pentene	43211	0.016428
3-methyl-cis-2-hexene	90029	0.006280
3-methyl-cis-2-pentene	98163	0.126316
3-methylcyclopentene	43272	0.092075
3-methylheptane	43298	0.243887

<i>Species Name</i>	<i>SAROAD</i>	<i>Weight Percentage, %</i>
3-methylhexane	43295	0.732671
3-methyloctane	98172	0.067016
3-methylpentane	43230	1.426512
3-methyl-trans-2-pentene	43270	0.089552
3-methyl-trans-3-hexene	90032	0.001181
4-methyl-1-pentene	98135	0.011743
4-methyl-cis-2-pentene	98170	0.029491
4-methylheptane	43297	0.106061
4-methyloctane	98173	0.098378
4-methyl-trans-2-hexene	90031	0.001979
4-methyl-trans-2-pentene	43293	0.039036
acetylene	43206	0.118124
benzene	45201	1.056232
cis-1,2-dimethylcyclohexane	91055	0.003408
cis-1,3-dimethylcyclohexane	98180	0.151355
cis-1,3-dimethylcyclopentane	91018	0.253730
cis-1,trans-2,3-trimethylcyclopentane	91038	0.032227
cis-2-butene	43217	0.117629
cis-2-heptene	91028	0.007039
cis-2-hexene	98035	0.065364
cis-2-octene	43266	0.008882
cis-2-pentene	43227	0.408969
cis-3-hexene	98003	0.021187
cyclohexane	43248	0.602448
cyclohexene	43273	0.016220
cyclopentane	43242	0.335950
cyclopentene	43292	0.133813
ethane	43202	0.144204
ethanol	43302	36.248483
ethylbenzene	45203	0.320588
ethylcyclohexane	43288	0.023280
ethylcyclopentane	98057	0.000686
ethylene	43203	0.148288
indan	98044	0.032112
isobutane	43214	0.139648
isobutylene	43215	0.156877
isopentane	98132	10.786974
isoprene	43243	0.012230
isopropylbenzene (cumene)	98043	0.001766
methane	43201	12.255375
methyl alcohol	43301	4.646050
methylcyclohexane	43261	1.042217

<i>Species Name</i>	<i>SAROAD</i>	<i>Weight Percentage, %</i>
methylcyclopentane	43262	1.408466
m-xylene	45205	1.131486
naphthalene	98046	0.001020
n-butane	43212	1.730900
n-decane	43238	0.011263
n-dodecane	43255	0.003029
n-heptane	43232	0.510764
n-hexane	43231	1.221703
n-nonane	43235	0.035630
n-octane	43233	0.162236
n-pentane	43220	3.165196
n-pentylbenzene	45255	0.002899
n-propylbenzene	45209	0.029996
n-undecane	43241	0.006150
o-xylene	45204	0.360049
propane	43204	0.100795
propylene	43205	0.063802
styrene	45220	0.013794
toluene	45202	3.682979
trans-1,2-dimethylcyclopentane	91021	0.099431
trans-1,3-dimethylcyclohexane	98059	0.022324
trans-1,3-dimethylcyclopentane	91019	0.251959
trans-1,3-pentadiene	90100	0.036469
trans-1,4-dimethylcyclohexane	98181	0.064526
trans-1-methyl-3-ethylcyclopentane	91044	0.058543
trans-2-butene	43216	0.120949
trans-2-heptene	91026	0.006915
trans-2-hexene	98034	0.145872
trans-2-octene	43263	0.013088
trans-2-pentene	43226	0.760081
trans-3-heptene	98006	0.041727
trans-3-hexene	98136	0.083126
trans-4-octene	43250	0.003595
<i>Total</i>		<i>100.000000</i>