



California  
Air Resources Board  
Compliance Division

# Advisory

to: MOTOR FUEL PRODUCERS,  
IMPORTERS, DISTRIBUTORS,  
AND RETAILERS

Number 79

December 23, 1991

## "LEAD IN GASOLINE"

Section 2253.4, Lead in Gasoline, has been added to the California Code of Regulations (CCR) and compliance is required starting January 1, 1992. Because this regulation affects members of the motor vehicle fuel manufacturing, distribution, and marketing industry, this advisory has been prepared to inform you of several aspects of its provisions.

Section 2253.4 prohibits the addition of lead to any California gasoline and specifies a lead content limit of 0.05 gram per gallon. This regulation essentially provides for two types of gasoline: 1) California gasoline represented as unleaded and 2) California gasoline not represented as unleaded but nevertheless containing no added lead.

1) California gasoline represented as unleaded must meet all applicable fuel specifications for unleaded gasoline (including a 0.005 gram per gallon phosphorus limit), can't contain more than 300 parts per million sulfur, and can't have manganese or manganese compounds (including MMT) added to it. Under federal regulations, this gasoline must be dispensed into motor vehicles using small diameter (13/16" O.D.) nozzle spouts.

2) California gasoline not represented as unleaded cannot contain added lead. However, it may contain more than 300 parts per million sulfur, more than 0.005 gram per gallon phosphorus, or added manganese compounds. Under federal regulations, only unleaded gasoline may be sold through small diameter nozzle spouts and such gasoline must be labeled as "unleaded." Therefore, gasoline not represented as unleaded cannot be dispensed into motor vehicles through small diameter nozzle spouts and must be dispensed into motor vehicles through large diameter (15/16" O.D.) nozzle spouts.

Section 2253.4 further provides that starting January 1, 1994, all California gasoline must be represented as unleaded. Accordingly, after January 1, 1994, all California gasoline will have to meet the requirements for gasoline represented as unleaded and be dispensed into motor vehicles through small diameter (13/16" O.D.) nozzle spouts.

If you have questions regarding this advisory or CCR Section 2253.4, please contact:

**James J. Morgester, Chief  
Compliance Division  
Air Resources Board  
P.O. Box 2815  
Sacramento, Ca 95812**

**916-322-6022**