

LOK SABHA
UNSTARRED QUESTION NO. 2281
TO BE ANSWERED ON 12TH FEBRUARY, 2026

ADDITIVES IN PETROLEUM PRODUCTS

2281. Dr. Thirumaavalavan Tholkappiyan:

पेट्रोलियम और प्राकृतिक गैस मंत्री

Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

- (a) the details about the additives added to petroleum products such as petrol and diesel; and
- (b) the details about the health hazards that afflict humans and animals through emissions due to the additives added?

ANSWER

पेट्रोलियम और प्राकृतिक गैस मंत्रालय में राज्यमंत्री
(श्री सुरेश गोपी)

MINISTER OF STATE IN THE MINISTRY OF PETROLEUM AND NATURAL GAS
(SHRI SURESH GOPI)

(a) and (b): Petrol and Diesel marketed in India comply with Bureau of Indian Standards (BIS) specifications IS 2796 & IS 17021 for Gasoline and IS 1460 for High Speed Diesel, which strictly regulate the fuel quality requirements for application as fuel for petrol and diesel-powered vehicles respectively. The additives in Petrol i.e. Corrosion Inhibitor and Multi Functional Additive (MFA) and in Diesel i.e. Cetane improver and Lubricity Enhancer are used in optimal dosage to meet IS 17021 & IS 2796 (for Petrol) and IS 1460 (for diesel) specifications. As per BIS Standard, use of additives is a requirement for assuring adequate fuel system and intake system cleanliness performance in engines.

The use of additives in fuels is recommended after carrying out detailed engine and vehicular emission studies as per protocol under Petroleum Conservation Research Association (PCRA) “Compendium of Scheme for Testing of Additives for Petrol & Diesel” (Revised edition 2019) on fuel comprising such additives and does not have any known adverse health hazard for human and animals.
