



Sasol Lead Replacement Petrol

Petrol, Leaded Replacement, Automotive, Grades 93 & 95

Description

SASOL lead replacement petrol grades are fully refined and contain all the additives necessary to ensure optimum performance under South African conditions. SASOL LEAD REPLACEMENT petrol (R93) can contain ethanol and heavier alcohols, as well as ethers, whereas SASOL LEAD REPLACEMENT petrol (R95) can contain ether.

To distinguish the various SASOL petrol grades from one another they are dyed to the following colours:

- Lead Replacement Petrol (R93) **Orange**
- Lead Replacement Petrol (R95) **Red**

Application

SASOL LEAD REPLACEMENT petrol (R93) is intended for use in all spark-ignition internal combustion engines operating at altitudes **equal or higher** than 1200 metres above sea level.

SASOL LEAD REPLACEMENT petrol (R95) is intended for use in all spark-ignition internal combustion engines operating at altitudes **less** than 1200 metres above sea level.

Features and Benefits

SASOL leaded petrol grades are SABS Mark bearing products complying with SABS 299, and offer the following benefits:

- Their formulations include additives to ensure oxidation stability and prevent formation of gummy deposits under normal storage conditions for limited periods.
- They contain additives which prevent carburettor, fuel injector and inlet valve deposits and remove pre-existing deposits where present.
- Their volatilities are adjusted to prevent the occurrence of vapour lock under climatic conditions.
- They conform to strict Sasol production and oil industry specifications.

REMARKS

The production technology of Sasol petrol products is based on the internationally known Sasol process. It is also supported by one of the most modern fuel research facilities in the world, situated in Sasolburg.

Product Properties

Property	Units	Lead Replacement (R93)	Lead Replacement (R95)
Density @ 20°C	kg/m ³	730 to 750	700 to 740
Initial Boiling Point	°C	35	35
Final Boiling Point	°C	210 max.	210 max.
Lead Content as Pb	g/l	0,003 max.	0,003 max.
Research Octane Number		93 to 96	95 min.
Sulphur Content	% m/m	0,05	0,05



Vapour Pressure @ 37,8°C	kPa	40 to 75	40 to 75
Alcohol Content	% v/v	0 or 8 to 12	0
Ether Content	% v/v	15 max.	15 max.
Fuel Volatility Index		84 to 89	93 to 100