



Lanka IOC

SPECIFICATIONS FOR GASOLINE EURO 3 (91 UNL)

PROPERTY / TEST	TEST METHOD	SPECIFICATIONS
APPEARANCE		BRIGHT & CLEAR AND FREE FROM WATER, VISIBLE IMPURITIES AND DYES ¹
DENSITY @ 15°C/kg/m ³	ASTM D 1298/4052	725 - 775
CU-STRIP CORROSION 3 HRS @ 50°C	ASTM D 130	Not worse than No. 1
DOCTOR TEST	ASTM D 4952	SWEET OR LESS THAN 15PPM RSH
EXISTENT GUM WASHED MG/M3	ASTM D 381	MAX. 40
LEAD CONTENT (as Pb) gm/litre	ASTM D 5059	MAX. 0.005 ²
RESEARCH OCTANE NUMBER (RON)	ASTM D 2699	MIN 91.2
MOTOR OCTANE NUMBER (MON)	ASTM D 2700	MIN. 81.2
REID VAPOUR PRESSURE (RVP) @ 37.8°C, kPa	ASTM D 86	45 - 60
DISTILLATION RECOVERY UP TO 70°C, %v RECOVERY UP TO 100°C, % v RECOVERY UP TO 150°C, %v	ASTM D 86	10 - 45 40 -70 MIN. 75
FBP, °C		MAX. 205
RESIDUE, %v		MAX. 2.0
BENZENE % V	ASTM D 3606	MAX. 1.0
TOTAL SULPHUR CONTENT % WT	ISO 20847 / ASTM D 4294	MAX. 0.015
OXIDATION STABILITY, MINUTES	ASTM D 525	MIN. 480 MINUTES
OLEFIN CONTENT, %v	ASTM D: 1319/6730	MAX. 21
AROMATICS CONTENT, %v	ASTM D: 1319/6730/5580	MAX. 40
OXYGEN CONTENT, %v OR OXYGEN CONTENT, wt	ASTM D: 4815	MAX 15 MAX, 2.7%

1. Specify tagging components if any
2. No intentional addition of Lead compounds

IMPORTANT:

- THERE SHALL BE NO INTENTIONAL ADDITION OF METAL COMPOUNDS CONTAINING FERROUS, MANGANESE & PHOSPOROUS.
- ADDITION OF ALCOHOL IS NOT PERMITTED