

COSMOS[®]

COSMOS DIESEL ENGINE OIL

Mineral

COSMOS Diesel Engine Oil are superior quality monograde & multigrade engine lubricants for older petrol and diesel engines. Especially developed to meet the most severe performance requirement of naturally aspirated or turbocharged diesel engines.

FEATURES & BENEFITS

- Excellent protection against corrosion and rusting
- The oil is formulated to provide reliable protection under most driving conditions and for use in diesel passenger car engines where API CF/SF specification is recommended.
- Good high temperature stability and oxidation resistance

PERFORMANCE LEVEL

- API CF/SF
- MIL-L 2104 D/, 46152 B
- CCMC D2, D3, PDI
- ACEA E1-96 Issue 2

TYPICAL CHARACTERISTICS

Properties	Typical Value				
	30	40	50	15W40	20W50
SAE Grade					
Density @ 15°C	0.888	0.89	0.903	0.882	0.888
Flash Point , COC, °C	>210	>220	>240	>210	>230
Kinematic Viscosity @40 °C, cSt	108	112.5	168	108	170
Kinematic Viscosity @100 °C, cSt	10.11	14.8	14.5-15.5	15.0	18.8
Viscosity Index	95	95	95	>130	>120
TBN, mgKOH/g	9.5-10.5	9.5-10.5	9.5-10.5	9.5-10.5	9.5-10.5
Pour Point, °C	-15	-12	-9	-24	-21

**These characteristics are typical of current production. Whilst future production will confirm to COSMOS's specification, variations in these characteristics may occur.

HANDLING, HEALTH AND SAFETY

- Lubricants under normal conditions of use, presents no particular toxic hazard. All lubricants, of any kind should be handled with great care, particularly avoiding any contact with skin.
- Prevent any splashing and keep away from combustible materials. Store under cover and away from any risk of pollution. Dispose off used oil correctly; don't pour down drains, into water courses or the soil. Take used oil to an authorized collection point.
- COSMOS will not accept any liability if the product is used other than in manner or with the precautions for the purpose specified, and hence advice should be obtained from COSMOS's local office.