SUPER LIFE® D3000

HEAVY DUTY DIESEL ENGINE OILS

SUPER LIFE® D3000 Products are high quality oils specially formulated for maximum engine protection under very severe conditions. They are formulated from high quality base stocks and additive packages with excellent detergent property, good anti-wear and anti-oxidation. The use of these oils minimizes the formation of carbon and sludge deposits that is caused by frequent stop- and- go service.

APPLICATIONS:

SUPER LIFE® D3000 Products are recommended for heavy duty diesel engines of trucks, tractors, construction cars, passenger cars, ships and boats on the river and on the sea and diesel generators .
SUPER LIFE® D3000 Products meet American Military Standards and technical requirements of the following engine manufacturers : CUMMINS, GM 6049M/6085M, CATERPILLAR, INTERNATIONAL, DETROIT DIESEL, FORD M2C121E, KOMATSU, ISUZU, NISSAN, MITSUBISHI, MERCEDES-DB227, TOYOTA, HYUNDAI, KIA etc .

API CF, CD-II, CD /SF
MIL-L- 2104D MIL-L- 46152C

BENEFITS:

- Fuel saving .
- Excellent chemical stability to resist oil thickening by the oxidation at high temperature and under severe operating conditions .
- Prolongation of engine life by reducing wear, rust and formation of carbon and sludge deposits .
- Excellent anti-corrosion property to improve the viscosity of protective oil film on vital engine parts

TYPICAL CHARACTERISTICS

Test	Method	Typical results						
SAE Viscosity grade	SAE J300	15W-40	20W-50	10W	30	40	50	70
API Gravity	ASTM D 287	29.29	26.60	29.29	30.21	27.67	27.45	26.60
Specific gravity @ 15.6°C (60°F)	ASTM D1298	0.880	0.895	0.880	0.875	0.889	0.890	0.895

Viscosity @ 40°C, cSt @ 100°C, cSt	ASTM D445	114.0 15.0	167.9 18.7	42 7	98 11.8	141.9 15.3	193.7 19.5	381 30.2
Viscosity Index	ASTM D2270	125	125	126	110	110	115	111
Flash Point, °C (°F)	ASTMD92	220 (428)	220 (428)	210 (410)	210 (410)	220 (428)	225 (437)	240 (464)
Pour Point, °C (°F)	ASTM D97	-23 (-9.4)	-23 (-9.4)	-30 (-22)	-12 (10.4)	-12 (10.4)	-12 (10.4)	-12 (10.4)
Total Base Number, mgKOH/g	ASTM D2896	7.5	7.5	7.5	7.5	7.5	7.5	7.5

The above characteristics are average values based on recent production. Minor variations, which do not affect product performance, are to be expected in normal manufacture.

WARNING:

Continuous contact with used motor oil has caused skin cancer in animal tests. Avoid prolonged contact. Thoroughly wash exposed areas with soap and water. Keep out of reach of children.
Don't pollute. Conserve resources. Return used oil and container to collection centers

Reference SDS Number 12021 database on our website at ***www.amtecol.com*** *OR scan the code for a direct link*