



Engine Oil Super SHPD 15W-40

Product Code: S10122

Engine Oil Super SHPD 15W-40 is a fuel saving LOW SAPS super high performance universal oil based on FULLY synthetic technology designed for high loaded diesel engines in light and heavy commercial vehicles equipped in Euro-5, Euro-6 engines with a Diesel Particle Filter (DPF), Exhaust Gas Recirculation (EGR) and/or Selective Catalytic Reduction (SCR) after treatment system.

Engine Oil Super SHPD 15W-40 is formulated with high refined synthetic base stock in combination with an unique additive package to reach the following properties:

- Excellent thermal and oxidation stability.
- Very good dispersancy and detergency.
- High anti-foam, anti-wear and anti-corrosion properties.
- Excellent protection against “Bore Polishing” .
- Extended drain intervals.
- Complies with strictest European emission regulation.

Engine Oil Super SHPD 15W-40 exceeds the following performance criteria:

API CK-4/SN	ACEA E7/E9 (16)	MB-Approval 228.31	Volvo VDS-4.5
MAN M3575	Cummins CES 20081	Renault VI RLD-3	Mack EOS-4.5
Caterpillar ECF-3/2/1a	Deutz DQC III-10 LA	Detroit Diesel DDC Power Guard 93K218	
MTU Type 2.1			



Typical Analysis

Properties	Unit	Method	Typical Value
SAE Grade		SAE J3000	15W-40
Density @15°C	kg/m ³	ASTM D4052	873.6
Kin. Viscosity @40°C	cSt	ASTM D7042	104
Kin. Viscosity @100°C	cSt	ASTM D7042	15.0
Viscosity Index		ASTM D2270	151
Viscosity CCS @-20°C	cP	ASTM D5293	4210
Flash Point COC, min	°C	ASTM D92	201
Pour Point	°C	ASTM D7346	-33
Total Base Number	mgKOH/g	ASTM D2896	9.7
Sulphated Ash	%Wt	ASTM D874	0.96

