

FORCE TURBODUTY 8.000 SAE 15W-40 API SERVICE CF-4/SH

DESCRIPTION

FORCE TURBO DUTY 8000 is high performance lubricating oil is designed to meet the latest development of diesel engine technology, requiring the capability of providing better protection particularly against wears and engine fouling, keeping engine clean, increasing fuel efficiency and decreasing oil consumption from lubricated diesel engine.

FORCE TURBO DUTY 8000 SAE 15W-40 has multi-grade viscosity for better lubrication at low and high temperatures.

APPLICATION

FORCE TURBO DUTY 8000 SAE 15W-40 is most suitable for high speed diesel engine provide with turbocharger or supercharger also naturally aspirated widely found in many diesel engines for transportation, heavy equipment, industry and marine applications. This oil is applicable for gasoline engine lubrication.

BENEFITS

- Outstanding oxidation stability
- Outstanding soot handling capability
- Helps protects against ring and cylinder wear
- Neutralizes acids from high sulfur fuel
- Excellent TBN retention

PERFORMANCE

- API Service Classification CF-4/SH,
- ACEA A2-96, ACEA B2-96, ACEA E2-96
- Mercedes Benz Sheet 228.1.
- Therefore it requires no additives addition.

TYPICAL RESULT

Characteristics	Test Method	Force Turbo Duty 8000 SAE 15W-40
SAE Viscosity Grade	J – 300	15W-40
Density at 15 ° C (kg/L)	ASTM D – 4052	0.8849
Viscosity Kinematic, at 40° C, cSt at 100° C, cSt	ASTM D – 445 ASTM D – 445	114.46 14.51
Viscosity Index	ASTM D – 2270	134
Color	ASTM D – 1500	3.5
Flash Point (° C)	ASTM D – 92	224
Pour Point (° C)	ASTM D – 97	-24
Total Base Number (TBN) mg KOH/g	ASTM D – 2896	11.01
Apparent Viscosity at -20° C, cps	ASTM D - 5293	6800