



FORCE SYNCH 10W-40 API CI-4/SL HEAVY DUTY DIESEL ENGINE OIL

GENERAL PROFILE

FORCE SYNCH 10W-40 CI-4 is a multi-grade engine oil manufactured from high quality virgin base oil and advanced additives. It ensures enhanced soot handling properties and excellent engine cleanliness and oxidation control. It offers great protection to critical components such as main bearings, turbochargers and valve trains.

FEATURES & BENEFITS

1. It provides excellent engine cleanliness and oxidation control.
2. It has excellent soot controlling properties.
3. It has good cold starting properties
4. It has excellent aging stability

SPECIFICATION

API CI-4/SL, ACEA E7, A3/B4

MEET THE REQUIREMENTS

MB 228.3, VOLVO VDS-3, RENAULT RLD 2, MACK EO-M PLUS/EO-N, MTU TYPE 2, CUMMINS CES 20078/77, DETROIT DIESEL 93K215, GLOBAL DHD-1, MAN M 3275, DQC III-10, CAT ECF-2/1a

APPLICATION OF USE

Recommended for naturally aspirated and turbo-charged heavy-duty diesel engines used for off-highway vehicles and equipments. It is suitable for use in Euro II/III/IV/V engines (on-highway) and those rate upto Interim Tier 4/Stage 3B (off-highway). It is suitable for engines equipped with exhaust gas recirculation (EGR) and selective catalytic reduction (SCR).

PHYSICAL CHARACTERISTICS

TEST METHOD

TYPICAL VALUE

SAE Grade		10W-40
Density @ 25 °C, kg/L	ASTM D4052	0.86
Kinematic Viscosity @100 °C cSt	ASTM D445	14.9
Kinematic Viscosity @ 40 °C cSt	ASTM D445	101.30
Viscosity Index	ASTM D2270	154
Apparent Viscosity by CCS, mPa.s	ASTM D5293	6100@ -25°C
Pour Point, °C	ASTM D97	-39
Flash Point COC, °C	ASTM D92	>220
TBN, mg KOH/g	ASTM D2896	11.6

*Typical value does not constitute a specification

Health and Safety

This product used as our recommendation for intended application not expected to produce any particular risk. A safety data sheet of the product is available for a simple request from your sales contact office or via internet. In case of used oil elimination, please respect the regulation and protect the environment.