

Quantum Synthetic 10W40 CI-4

Description :

Quantum FULLY SYNTHETIC 10W40 CI-4 is Ultra High Performance Diesel (UHPD) engine oil designed to meet the most severe performance requirements of the latest high output, low emission European diesel engines. It is formulated with fully synthetic base oils and superior additive to provide the highest diesel engine performance levels.

Benefits:

- Outstanding deposit control under high temperature conditions encountered in turbocharged engines.
- Effective detergent additive system minimizes piston crown land deposits.
- Proven organometallic anti-wear additive reduces wear in severe service by forming an interface layer on all metal contact surfaces.
- Extended drain periods due to high temperature stability which minimizes degradation, sludge formation and oil thickening.
- Fuel economy due to superior synthetic base stocks.
- Shear-stable Viscosity Index improver maintains oil viscosity in the high temperature ring belt area.
- Low volatility of synthetic fluids reduces oil evaporation.

Application

- Naturally aspirated and turbocharged high speed, four-stroke diesel engines.
- All automotive diesel engines.
- High speed diesel engines.
- Commercial road transport in light, medium and heavy-duty service.
- Off-highway vehicles
- All construction and earthmoving equipment.

Performance Level

API.....	CI-4
ACEA.....	E7/E4
Daimler Chrysler	MB228.5
MAN.....	M 3277
VOLVO.....	VDS-3
MTU.....	Type 3
Renault Trucks...	RXD/RLD-2
Scania.....	LDF-2

Product Characteristics*

PROPERTIES	UNITS	VALUE	TEST METHOD
SAE GRADE	-	10W-40	-
Specific Gravity @ 15 °C	-	0.886	ASTM D-4052
Viscosity @ 40 °C	mm ² /s	101.6	ASTM D-445
Viscosity @ 100 °C	mm ² /s	14.72	ASTM D-445
Viscosity Index	-	150	ASTM D-2270
Flash Point, COC	°C	240	ASTM D-92
Pour Point	°C	-30	ASTM D-97
Base Number	mg KOH/g	12.7	ASTM D-2896
Sulphated Ash	% wt.	1.5	ASTM D-874
Color	-	4.5	ASTM D-1500
Product Code	-	5530	-