

BLUENERGY AZURE PLATINUM SAE 5W40 API CI-4

Fully Synthetic-High Performance Multigrade Diesel Engine Oil

PRODUCT DATA SHEET

Product Description

Bluenergy Azure Platinum SAE 5W40 API CI-4 uses fully synthetic technology base oils and balanced additive system to deliver fuel economy performance, and to protect modern engines operating under extreme conditions of pressures and temperatures. It's the ideal choice for operators of heavy-duty truck and bus fleets equipped with latest emission designs, including those with EGR systems, as well as satisfying the needs of older engines. It may be used in naturally aspirated and turbocharged diesel and petrol engines, providing excellent protection even under the most severe conditions

Features & Benefits

- Outstanding oxidation & thermal stability reduces sludge deposits and keeps the engine cleaner.
- Excellent engine protection by providing outstanding protection against wear.
- Improved fuel economy.
- Excellent dispersancy provides outstanding soot control in Exhaust Gas Recirculation (EGR) systems.
- Extended TBN reserves provide improved acid neutralization and corrosion protection, which helps in extending oil drain intervals.

Specifications

Bluenergy Azure Platinum SAE 5W40 API CI-4 meets or exceeds following International and Builder specification:

- API CI-4, CH-4, CG-4, CF-4, CF, SL, SJ
- Detroit Diesel 93K215
- ACEA E7/A3/B4
- CUMMINS CES 20076/7/20078
- CAT ECF-1a, ECF-2
- Deutz DQC -III-05
- MTU OIL Category 2
- MACK EO-0 PREMIUM PLUS
- MAN-3575
- MB 228.31
- JASO DH-1

TYPICAL CHARACTERISTICS

Bluenergy Azure Platinum	Test Method	Units	5W40
Density @ 15 °C	ASTM D 4052	gm/cc	0.850
Viscosity @ 100 °C	ASTM D 445	cSt	14.3
Viscosity @ 40 °C	ASTM D 445	cSt	88.6
Viscosity Index	ASTM D 2270	-	168
Pour Point	ASTM D 97	°C	-39
Flash Point (COC)	ASTM D 92	°C	228
Total Base Number	ASTM D 2896	mg KOH/g	11.1
Sulphated Ash	ASTM D 874	% wt	1.1
CCS Viscosity	ASTM D 5293	cP @-30	4650

These characteristics are typical of current product methods whilst future production will confirm to Bluenergy lubricants specifications, variations in these physical characteristics may occur.

Protect the Environment

Take used oil to an authorized collection point or to be recycled. Do not discharge used or new oil into drains, soil or water.

Additional Information

Based on available information, this product is not expected to produce adverse effect on health when used for the

Applications referred to above and the recommendations provided in safety data sheet are followed. guidance on health and safety is available on the appropriate material safety data sheet(MSDS) which can be obtained from www.Bluenergylubricants.com