

BLUENERGY AZURE RHODIUM API CJ-4/SN SERIES

High Performance Multigrade Diesel Engine Oil

PRODUCT DATA SHEET

Product Description

Bluenergy Azure Rhodium API CJ-4/SN series is high performance diesel engine oil formulated with highly refined base stocks and advanced technology additives to provide reliable performance in the 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 strenuous 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 Rhodium API CJ-4/SN series meets or exceeds following International and Builder specification:

- API CJ-4, CI-4 Plus, CI-4, CH-4, CF, CF-2, SM, SL
- ACEA E9/E7
- MTU OIL Category 2.1
- MACK EO-O Premium Plus
- CUMMINS CES 20081
- CAT ECF-3
- MB 228.31
- VOLVO VDS-4
- Detroit Diesel Power Guard 93K218

Applications

Bluenergy Azure Rhodium API CJ-4/SN series is suitable for use in following:

- Automotive diesel engines.
- Passenger cars, SUVs, light trucks and vans.
- Naturally aspirated or turbo-charged engines.
- Fuel injected or indirect injection diesel engines fitted with blow-by recirculation systems.

TYPICAL CHARACTERISTICS

Bluenergy Azure Rhodium	Test Method	Units	20W40	20W50
Density @ 15 °C	ASTM D 4052	gm/cc	0.888	0.890
Viscosity @ 100 °C	ASTM D 445	cSt	15.1	19.5
Viscosity @ 40 °C	ASTM D 445	cSt	121.1	173
Viscosity Index	ASTM D 2270	-	129	129
Pour Point	ASTM D 97	°C	-24	-24
Flash Point (COC)	ASTM D 92	°C	235	236
Total Base Number	ASTM D 2896	mg KOH/g	10.3	10.3
Sulphated Ash	ASTM D 874	% wt	1.0	1.1
CCS Viscosity	ASTM D 5293	cP @-15	6280	6280

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