

HIKOL ULTRA MAX 20W50 CI-4



High-Performance Heavy-Duty Diesel Engine Oil

Description

Hikol Ultra Max 20W50 API CI-4 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 maybe used in naturally aspirated and turbocharged diesel and petrol engines, providing excellent protection even under the most strenuous conditions.

Application

It is recommended mainly for all heavy-duty vehicles, construction equipment and highway fleet equipped with 4-cycle diesel engines. It is successfully used in generator engines

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

Hikol Ultra Max 20W50 series meets or exceeds following International and Builder specifications:

- API CI-4, CH-4, CG-4, CF-4, CF, SL, SJ
- ACEA E7/A3/B4
- CAT ECF-1a, ECF-2
- MTU OIL Category 2
- MAN M3275
- VOLVO VDS-3
- RENAULT VI RLD-2
- Detroit Diesel 93K215
- CUMMINS CES 20076/7/20078
- Deutz DQC –III-05
- Global DHD-1
- MB 228.3/MB 229.1
- MACK EO-N
- PERKINS

Typical Characteristics*

Hikol Ultra Max 20W50	Test Method	Units	20W-50
Density @ 15 °C	ASTM D 4052	gm/cc	0.890
Viscosity @ 100 °C	ASTM D 445	cSt	20.05
Viscosity @ 40 °C	ASTM D 445	cSt	187
Viscosity Index	ASTM D 2270	-	124
Pour Point	ASTM D 97	°C	-24
Flash Point (COC)	ASTM D 92	°C	236
Total Base Number	ASTM D 2896	mg KOH/g	11.20
Sulfated Ash	ASTM D 874	% wt	1.2
CCS Viscosity	ASTM D 5293	cP	7680 @ -15 °C

**The above figures are typical of blends with normal production tolerance and do not constitute a specification.*

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