

# APEX TURBO 20W-40 CH-4 SERIES

Extra High Performance Multigrade Diesel Engine Oil



## Product Data Sheet

### Product Description

APEXTURBO 20W-40 CH-4 diesel engine oil is formulated with high quality base stocks and specially selected additives to ensure optimum performance and protection for diesel engines requiring an API CH-4 specification. Suitable for modern and old diesel engines fitted on trucks, buses, construction or agricultural machinery with or without turbo charger, intercooler or sophisticated injection systems.

### Features & Benefits

- Improved oxidation & thermal stability reduces sludge build up and keeps the engine cleaner.
- Excellent wear protection to extend engine efficiency and service life.
- Improved fuel economy, due to high fluidity at low temperatures.
- Reduced oil consumption.
- Improved resistance to deposit formation keeps engine clean to give your vehicle maximum power under extreme conditions.
- Enhanced TBN reserves provide improved acid neutralization and corrosion protection

### Specifications

**APEXTURBO 20W-40 CH-4 meets or exceeds following International and Builder specifications:**

- API CH-4, CG-4, CF-4, CF, SL, SJ
- ACEA E7/A3/B4
- MTU OIL Category-2
- MACK EO-M Plus
- CUMMINS CES 20076/7
- Renault RD-2
- CAT ECF-1a
- MAN M3275
- VOLVO VDS-2
- Deutz DQC-II-05
- MB 228.3

### Typical Characteristics

APEX SPARK CH-4	Test Method	Units	20W-40
Density @ 15 °C	ASTM D 4052	gm/cc	0.890
Viscosity @ 100 °C	ASTM D 445	cSt	15.1
Viscosity @ 40 °C	ASTM D 445	cSt	121.1
Viscosity Index	ASTM D 2270	-	129
Pour Point	ASTM D 97	°C	-24
Flash Point (COC)	ASTM D 92	°C	236
Sulphated Ash	ASTM D874		1.2
Conradson Carbon Residue CCR	ASTM D 189		1
Copper Corrosion at 100c,3hr	ASTM D 130	-	<1A
Total Base Number	ASTM D 2896	mg KOH/g	10.0
CCS Viscosity	ASTM D 5293	cP	7060 @ -15 °C
CCS Viscosity	ASTM D 5293	cP	11980 -20°C
Foam Characteristics	ASTM D 892	ml	
SEQ I			0/0
SEQ II			0/0
SEQ III			0/0

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