

Zeal ZeTurbo Robust SAE 20W50 CH-4

Fully Synthetic-High Performance Multigrade Diesel Engine Oil

PRODUCT DATA SHEET

PRODUCT DESCRIPTION

Zeal Zeturbo Robust SAE 20W50 CH-4 Is specially designed for higher mileage gasoline fuelled automobiles and light duty trucks requiring an API CH-4 specification. It may be used in naturally aspirated and turbocharged diesel and petrol engines, providing excellent protection even under the most severe conditions.

FEATURES & BENEFITS

- Improved fuel economy & easy cold starts due to good fluidity at low temperatures.
- High resistant oil film even at high engine operating temperatures.
- Excellent detergency and dispersancy, reduces sludge formation which improves engine cleanliness.
- Excellent oxidation & thermal stability, helps in extending oil drain intervals.
- Superior wear protection for greater engine reliability and performance

SPECIFICATIONS

Zeal Zeturbo Robust SAE 20W50 CH-4 **meets or exceeds following International and Builder specifications:**

- API CH-4, CG-4, CF-4, CF, SL, SJ
- Deutz DQC-II-05
- ACEA E7/A3/B4
- CUMMINS CES 20076/7
- CAT ECF-1a,
- Deutz DQC –III-05
- MTU OIL Category 2
- MACK EO-M PLUS
- MAN-M3275
- MB 228.31

APPLICATIONS

Zeal Zeturbo Robust SAE 20W50 CH-4 **is suitable for use in ,**

- Automotive gasoline and diesel engines.
- Passenger cars, SUVs, light trucks and vans.
- Moderate duty LPG vehicles.
- Suitable for all petrol engines with multi-valve & turbo types and with or without catalytic converter.
- Naturally aspirated or turbo-charged diesel engines in cars and light vans.
- Fuel injected or indirect injection diesel engines fitted with blow-by recirculation systems.

For further information, please contact: sales@zeallubricants.com, or visit our website: www.zeallubricants.com

TYPICAL CHARACTERISTICS

Zeal ZeTurbo Robust	Test Method	Units	20W50
Density @ 15 °C	ASTM D 4052	gm/cc	0.890
Viscosity @ 100 °C	ASTM D 445	cSt	20.4
Viscosity @ 40 °C	ASTM D 445	cSt	175
Viscosity Index	ASTM D 2270	-	137
Pour Point	ASTM D 97	°C	-27
Flash Point (COC)	ASTM D 92	°C	236
Flash point	ASTM D93	°C	234
Ignition point	ASTM D 92	°C	240
Total acid number	ASTM 664	mg KOH/g	2.50
Total Base Number	ASTM D 2896	mg KOH/g	10.4
Copper corrosion at 100c, 3 hr	ASTM D130	-	<1A
Sufated Ash	ASTM D 874	% wt	1.2
CCS Viscosity	ASTM D 5293	cP @ -15 °C	7060
Foam characteristics	ASTM D892	ML	
1. Sequence 1			0/0
2. Sequence 2			0/0
3. Sequence 3			0/0

These characteristics are typical of current product methods whilst future production will confirm to Zeal 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.zeallubricants.com