

# Zeal Zeturbo Extreme 5W40 CI-4

MULTIGRADE DIESEL– SYNTHETIC ENGINE OIL

PRODUCT DATA SHEET



## PRODUCT DESCRIPTION

**Zeal ZeTurbo Endurance 5W40 CI-4** is an extra high performance diesel engine oil formulated with highly refined base stocks and advanced technology additives to provide reliable engine performance in the latest emission designs. It may be used in naturally aspirated and turbocharged diesel & petrol engines and On& Off-highway applications, providing excellent protection even under the most strenuous conditions.

## FEATURES & BENEFITS

- Improved fuel economy & easy cold starts due to good fluidity at low temperatures.
- Reduces power robbing friction across engine speeds and conditions
- 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 Endurance 5W40 CI-4 meets or exceeds following International and Builder specifications:**

- API CI-4, CH-4, CG-4, CF-4, CF, SL, SJ
- JASO DH-1
- Global DHD-1
- Detroit Diesel DDC 93K215
- ACEA E7/E5/E3/A3/B4
- CUMMINS CES 20076/7/20078
- CAT ECF-1a, ECF-2
- MACK EO-N/M+
- MTU OIL Category 2
- Renault VI RLD-2
- VOLVO VDS-3
- MB 228.3/MB 229.1
- MAN M 3275 Deutz DQC-III/II
- Detroit Diesel DDC 93K215

## APPLICATIONS

**Zeal ZeTurbo Endurance 5W40 CI-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.

## TYPICAL PHYSICAL CHARACTERISTICS

Zeal zeturbo extreme	Test Method	Units	5W-40
Density @ 15 °C	ASTM D 4052	gm/cc	0.850
Viscosity @ 100 °C	ASTM D 445	cSt	14.30
Viscosity @ 40 °C	ASTM D 445	cSt	88.6
Viscosity Index	ASTM D 2270	-	168
CCS Viscosity	ASTM D 5293	Cp @ -30°C	4650
Pour Point	ASTM D 97	°C	-39
Flash Point (COC)	ASTM D 92	°C	228
Total Base Number	ASTM D 2896	mg KOH/g	11.0
Sulfated Ash	ASTM D 874	% wt	1.1

*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](http://www.zeallubricants.com)