

# Zeal Zeturbo Endurance 20W50 CI-4

MULTIGRADE GASOLINE AND DIESEL – SYNTHETIC ENGINE OIL

PRODUCT DATA SHEET



## PRODUCT DESCRIPTION

Zeal Zeturbo Endurance 20W50 CI-4 is an extra high performance, multi-grade engine oil specifically formulated for severe service high-speed diesel engines in marine applications. Its advanced chemistry provides outstanding performance in both modern, demanding low-emission diesel engines and older diesel engines operating on low or high sulphur distillate fuel.

## 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 20W50 CI-4 meets or exceeds following International and Builder specifications:**

- API CI-4, CH-4 CG-4, CF-4, CF, SL, SJ
- ACEA E7/A3/B4
- MACK EO-N

## APPLICATIONS

Zeal Zeturbo Endurance 20W50 CI-4 is suitable for use in,

- Automotive gasoline and diesel engines.
- VOLVO VDS-3
- Renault VI RLD-2
- 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 Zepace Prime	Test Method	Units	20W-50
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
CCS Viscosity	ASTM D 5293	Cp @ -15 °C	6060
Pour Point	ASTM D 97	°C	-30
Flash Point (COC)	ASTM D 92	°C	236
Total Base Number	ASTM D 2896	mg KOH/g	11.0
Ash, sulphated	ASTM D874	% wt	1.2

*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)