

# Zeal ZePower Dynamic SAE 50 CF4/SJ

MONO GRADE DIESEL SYNTHETIC ENGINE OIL

PRODUCT DATA SHEET



## PRODUCT DESCRIPTION

**Zeal ZePower dynamic SAE 50 CF-4/SJ** is a range of diesel engine oils formulated with high quality base stocks and selected additives to ensure optimum performance and protection for diesel engines requiring an API CH-4 specification. Suitable for heavy duty, high output diesel engines where monograde oils are specified. It provides excellent protection in engines, against high temperature piston deposits, wear, corrosion and foaming under severe operating 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 ZePower dynamic SAE 50 CF-4/SJ meets or exceeds following International and Builder specifications:**

- API CF-4,CF,CF-2, CD
- API CH4,CG4,CF-4, CF, CF-2, CD-2, CD • Volvo VDS
- ACEA E7/A3/B4
- Caterpillar TO-2
- MTU OIL Category-1
- Deutz DQC –I-05
- MAN 270/271
- Allison C3 (SAE: 30)
- MB 228.0/1
- Detroit Diesel 7SE-270

## APPLICATIONS

**Zeal ZePower dynamic SAE 50 CF-4/SJ** is suitable for use in,

- Suitable for use in heavy duty 2-stroke & 4-stroke turbocharged and naturally aspirated diesel engines.
- It can be used in both On-highway light and heavy duty trucks & construction and mining equipment, where high or low sulfur diesel is used.
- Suitable for certain stationary equipment, such as pumps that run continuously under steady state conditions.

## TYPICAL PHYSICAL CHARACTERISTICS

Zeal zepower dynamic	Test Method	Units	SAE 50
Density @ 15 °C	ASTM D 4052	gm/cc	0.904
Viscosity @ 100 °C	ASTM D 445	cSt	20.2
Viscosity @ 40 °C	ASTM D 445	cSt	234
Viscosity Index	ASTM D 2270	-	99
Pour Point	ASTM D 97	°C	-18
Flash Point (COC)	ASTM D 92	°C	242
Total Base Number	ASTM D 2896	mg KOH/g	8.0
Sulfated Ash	ASTM D 4951	% wt	0.85

*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)