

# ZEAL ZETURBO HEAVY SERIES

High performance Heavy Duty Circulating oil



PRODUCT DATA SHEET

## PRODUCT DESCRIPTION

**ZEAL ZETURBO HEAVY** are high-performance heavy-duty circulating oils formulated with high-quality base stocks and advanced additive technology, to provide exceptional equipment protection and reliability in applications lubricated by circulating systems which are operating under moderate to severe conditions.

## FEATURES & BENEFITS

- Balanced static and dynamic friction coefficients, helps in optimizing clutch friction retention and control of slippage. Thus ensuring increased load carrying capacity & improvement in clutch life.
- Good compatibility with various clutch materials and elastomers.
- Excellent foam control property enhances performance of wet brakes by controlling brake chattering.
- Outstanding oxidation & thermal stability reduces high pressure hydraulic pump wear and minimizes sludge build keeping the application clean.
- Outstanding anti-wear protection & load carrying capabilities, helps in reducing wear and extends the life of gearboxes, final drives and transmissions.

## SPECIFICATIONS

**ZEAL ZETURBO HEAVY SERIES** meets or exceeds following International and Builder specifications:

- FAG/ SKF (PM oils for Dry section)
- Morgan Bearings: DIN 51517-2 (CL specs)

## APPLICATIONS

**ZEAL ZETURBO HEAVY SERIES** are suitable for use in:

- Suitable for use in medium to high severity hydraulic systems, requiring higher viscosities.
- Vacuum pumps and compressors handling air, inert gas and natural gas, upto maximum compressed air temperature of 150 °C.
- Suitable for lubricating plain bearings, roller bearings, parallel shaft spur, helical & herringbone gears and bevel gears operating under moderate to severe conditions

## TYPICAL PHYSICAL CHARACTERISTICS

Zeal zeturbo	Test Method	Units	150	220	320	460
Density @ 15 °C	ASTM D 4052	gm/cc	0.894	0.898	0.900	0.904
Viscosity @ 100 °C	ASTM D 445	cSt	14.56	18.75	23.95	30.45
Viscosity @ 40 °C	ASTM D 445	cSt	150.2	220.5	320.9	460.8
Viscosity Index	ASTM D 2270	-	95	95	95	95
Pour Point	ASTM D 97	°C	-18	-18	-15	-12
Flash Point (COC)	ASTM D 92	°C	272	276	278	284
Demulsibility, 40/40/0 @820 C	ASTM D 1401	MIN	15	15	15	20
FOAM CHARACTERISTICS PROC B	ASTM D892	10/0	10/0	10/0	10/0	10/0

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