



# TECHNICAL DATA

PRODUCT TECH

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## MPZ SUPER DIESEL MOTOR OIL SAE: 15W40

### >>Description

MPZ Super Diesel Motor Oil is designed for long drain intervals in engines using high sulfur fuels. It meets warranty requirements of American, Japanese and European diesel engine manufacturers. With high alkaline reserve (9-TBN) and corrosion inhibitors, MPZ Super Diesel protects bearings against acids formed during combustion of high sulfur fuels.

MPZ Super Diesel Motor Oil is a blend of highly refined hydrocracked base oils and the most advanced detergents and dispersants plus Torco's MPZ friction and wear reducing additive. Low sulfated ash and superior anti-wear properties contribute to longer engine life, fewer oil changes and less waste oil.

### >>Features

- >Hydrocracked petroleum formula
- >High TBN/Alkaline reserve to neutralize acids
- >Minimizes ash deposits in combustion chamber
- >Improves fuel mileage
- >Good low temperature pumpability
- >Protects against sludge and varnish deposits
- >Long term wear protection of all internal engine parts
- >Excellent high temperature thermal stability

### >>Application

Recommended for diesel engines using high sulfur fuels and is suitable for low sulfur fuel and gasoline engines. Highly recommended for all turbo charged engines for the following specifications: CI-4/SL, CH-4/SJ, CG-4/SJ, CF-4, CF-2, CE, S-3, MIL-L-2104D, MIL-L-2104F, MIL-L-4612E. Also exceeds the following: Mack T8E, T9, EO-M, EO-M Plus EO-L, EO-L Plus, EO-K, EO-K2 and T-7 / Cummins 20071 & NTC400 / Caterpillar TO-2 / Daimler Benz 228.1 / Volvo VDS-2 & VSD / Volkswagen 501.01 and 505.00 / Detroit requirements / European diesel ACEA E1-96, E2-96, E3-96 / Allison C-4 torque fluid and heavy duty manual truck transmissions.

Not recommended for Electro Motive Diesel engines with silver bearings or marine diesel that require extra high TBN.

Meets or exceeds API Service CH-4/SJ and others listed above.

### >>Typical/Test Data

<b>SAE Grade</b>	<b>ASTM#</b>	15W-40
<b>Appearance</b>	<b>Visual</b>	Amber
<b>Viscosity @ 100°C</b>	<b>D-445</b>	15.7
<b>Viscosity @ 40°C</b>	<b>D-445</b>	112.2
<b>Pour Point, °C</b>	<b>D-97</b>	-23
<b>Flash Point, °C</b>	<b>D-92</b>	226

### >>Directions

Follow manufacturer's fill level requirements. Compatible with other petroleum and synthetic lubricants.

### >>Package Sizes / P/N

<b>SAE Grade</b>	15W-40
<b>5 Gallon Pail</b>	A181540E
<b>55 Gallon Drum</b>	A181540B