



TECHNICAL DATA

PRODUCT TECH

©2006 TORCO

MPZ SYNTHETIC DIESEL MOTOR OIL

SAE: 15W40

>>Description

MPZ Synthetic Diesel Motor Oil is designed to conserve energy and resources by increasing fuel mileage and extending oil drains. It meets performance requirements of most manufacturers of diesel engines and specifically in engines operating on high sulfur fuels. The high alkaline reserve (TBN) effectively protects bearings and other engine surfaces from the corrosive effect of acids formed by the combustion of high sulfur fuels.

MPZ Synthetic Diesel Motor Oil is a blend of specially selected synthetic base oils and additives designed for long drain performance in all recommended diesel engine applications. It contains special detergents and dispersants to keep sulfated ash to a minimum. MPZ Synthetic Diesel is also fortified with oxidation and corrosion inhibitors, high temperature anti-wear additives and foam inhibitors to protect vital engine parts during long drain service.

>>Features

- >100% Synthetic Formula
- >High TBN/Alkaline reserve to neutralize acids
- >Minimizes ash deposits in combustion chamber
- >Extends drain intervals to 30,000 miles or 550 hrs.
- >MPZ formulated to reduce friction and wear
- >Improves fuel mileage
- >High oxidation stability
- >Excellent high & low temperature protection

>>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 CI-4/SL and others listed above.

>>Typical/Test Data

SAE Grade	ASTM#	15W-40
Appearance	Visual	Amber
Viscosity @ 100°C	D-2270	16.04
Viscosity @ 40°C	D-2270	108
Pour Point, °C	D-97	-26
Flash Point, °C	D-92	220

>>Directions

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

>>Package Sizes / P/N

SAE Grade	15W-40
5 Gallon Pail	A191540E
55 Gallon Drum	A191540B

TORCO INTERNATIONAL CORPORATION
10652 Bloomfield Avenue, Santa Fe Springs, CA 90670
(562) 906.2120 phone | (562) 906.2130 fax
www.torcousa.com website | info@torcousa.com email

2/6/2006