

TURBOSYNTH M 10W-40

General Description:

TURBOSYNTH M 10W-40 is a synthetic blend, extra high performance diesel engine oil, engineered to provide outstanding lubrication to modern, high performance diesel engines used in severe on and off-highway applications.

This diesel engine oil is designed using high performance base oils which provide excellent low temperature fluidity, high temperature viscosity retention, volatility control, and fuel economy improvement. These base oils are enhanced with an advanced additive system, which provides a high level of protection to all parts of the engine.

TURBOSYNTH M 10W-40 is engineered to provide long oil drain intervals in modern diesel engines.

Specifications:

VOLVO VDS 2\ VDS 3 (EOM Approved)
MAN 3277 (EOM Approved)
ACEA E4\E7
API- CF
CUMMINS CES 20072
SCANIA
MB 228.5 (EOM Approved)
DAF Extended drain
MTU TYPE 3

Applications:

- Naturally aspirated and turbo-charged diesel powered engines built by European and Japanese manufacturers.
- On-highway light and heavy-duty trucking.
- Off-highway industries including: construction, mining, quarrying, and agriculture.

Benefits:

High output, low emission engines significantly increased demands on engine lubricants. Tighter engine designs reduce oil consumption, resulting in less fresh oil makeup to replenish depleted additives. Thermal stresses on the lubricant are increased with the use of inter-coolers and turbochargers. Higher fuel injection pressure and retarded timing improve burn efficiency, but also increase engine temperatures, volatility, and soot loading of the oil. The advanced technology in TURBOSYNTH M 10W-40 delivers exceptional performance in both modern diesel engines as well as older models. The key benefits include:



Properties:

	TURBOSYNTH M 10W40
Viscosity Index (VI)	155
Specific Gravity at 15°C g/cc	0.866
Kinematic Viscosity @ 40°C, cSt	87
Kinematic Viscosity @ 100°C, cSt	13.3
Flash Pt., °C	226
Pour Pt., °C	-42
TBN, mg KOH per g	15.9

