



Mobil 1™ Turbo Diesel 5W-40

Mobil Passenger Vehicle Lube , Thailand

Supreme Performance Synthetic Diesel Engine Oil

Product Description

Mobil 1™ Turbo Diesel 5W-40 is a fully synthetic engine oil that is specially engineered to help provide outstanding performance in the diesel powered engines found in Thailand Pick-Ups and SUV's. Mobil 1 Turbo Diesel 5W-40 utilizes state-of-the-art technology to help deliver exceptional protection in modern low emission engines, as well as older, well-maintained engines.

Features and Potential Benefits

Diesel engines are becoming more severe - low emission engines generate more soot and operate at higher temperatures than older engines, and the latest engine designs also reduce oil consumption, resulting in less fresh oil makeup to replenish depleted additives. In addition, top piston rings are located higher, bringing the oil film closer to the combustion chamber and exposing the lubricant to severe thermal stresses. All these factors increase the need for a high performance lubricant. Mobil 1 Turbo Diesel 5W-40 helps to maintain outstanding performance at significantly higher temperatures than other high performance diesel engine oils, ensuring you protect and extend the life of your engine. It is also fully compatible with conventional oils.

- Advanced protection and performance in modern common-rail and turbo diesel vehicles
- Helps to provide exceptional performance in extreme conditions
- Rapid engine protection at start-up
- Aids fuel economy
- Extremely low oil consumption between services, helps to reduce the need for top-up
- Unsurpassed control of soot, oxidation and corrosion helps to keep your engine in peak condition
- Excellent thermal and oxidation stability helps to reduce low temperature sludge build-up and high temperature deposits
- Helps to extend life of critical wear surfaces
- Unsurpassed/excellent or outstanding oxidation protection to help protect your turbocharged engine

Applications

Thanks to extensive cooperative development work with major manufacturers and the application of the latest lubrication technology, Mobil 1 Turbo Diesel 5W-40 is recommended for virtually all diesel-powered pick-ups, SUVs and passenger cars including common rail, turbocharged and intercooler vehicles. Mobil 1 Turbo Diesel 5W-40 helps to provide the ultimate protection and performance in even in some of the most demanding driving conditions.

Always consult your owner's manual to check recommended viscosity grade and specifications for your particular vehicle.

- All operating conditions, from mild to severe
- Latest engine technologies
- Diesel powered engines in Pick Ups, SUV's, passenger cars and light trucks and vans
- Severe operating conditions
- Turbo-Chargers
- High Performance Diesel Engines
- Off road driving where dust and mud are common
- Towing and hauling heavy loads

Specifications and Approvals

Mobil 1 Turbo Diesel 5W-40 meets or exceeds the requirements of:	
API	CI-4 PLUS, CI-4, CH-4, SL, SJ
ACEA	E7/E4

Mobil 1 Turbo Diesel 5W-40 meets or exceeds the requirements of:	
ACEA/EMA/JAMA	GLOBAL DHD-1
FORD	WSS-M2C171-D
ISUZU	DEO (w/o DPD Equipped Vehicles)

According to ExxonMobil, Mobil 1 Turbo Diesel 5W-40 is of the following quality level:	
DETROIT	7SE 270 (4-STROKE)

Typical Properties

Mobil 1 Turbo Diesel 5W-40	
SAE Grade	5W-40
Filling	
Viscosity, cSt (ASTM D445)	
@ 40°C	102
@ 100°C	14.8
Viscosity Index	151
Sulfated Ash, wt% (ASTM D874)	1.3
Pour Point, °C (ASTM D97)	-45
Flash Point, °C (ASTM D92)	226
Density @15.6 °C g/ml (ASTM D4052)	0.85

Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contract office, or via the Internet. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

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Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. All products may not be available locally. For more information, contact your local ExxonMobil contact or visit www.exxonmobil.com

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