Mobil

Mobil 1™ Turbo Diesel 0W-40

Mobil Passenger Vehicle Lube , Luxembourg

Advanced Full Synthetic Engine Oil

Product Description

Mobil 1™ Turbo Diesel 0W-40 is an advanced performance synthetic diesel engine oil designed to help provide ultimate cleaning power, wear protection and overall performance. Mobil 1 Turbo Diesel 0W-40 meets or exceeds the requirements of leading industry and car manufacturers' standards required for newer modern diesel powered automobile engines. The Mobil 1 Technology is race proven and the choice of NASCAR racing. Mobil 1 Turbo Diesel 0W-40 is perfect for all types of vehicles where an oil is recommended, and has the performance reserve to protect when conventional engine oils may not

Features and Potential Benefits

Mobil 1 Turbo Diesel 0W-40 is made with a proprietary blend of ultra high performance synthetic basestocks fortified with a precisely balanced component system. Mobil 1 Turbo Diesel 0W-40's wide viscosity range helps to provide unsurpassed levels of protection, good fuel economy, and an overall smooth driving experience. Mobil 1 Turbo Diesel 0W-40 helps to keep engines starting in Arctic extreme cold and cleans deposits, sludge and varnish often formed in high temperature operating conditions. Meeting or exceeding many global industry standards and major leading builder requirements is the cornerstone of the performance reserve that lets Mobil 1 Turbo Diesel 0W-40 helps to keep performing well after conventional oils may not. Key features and potential benefits include:

Features	Advantages and Potential Benefits
Active cleaning agents	Helps to prevent deposits and sludge build-up to enable long and clean engine life
Outstanding thermal and oxidation stability	Helps to reduce oil aging allowing extended drain interval protection
Low oil consumption	Less hydrocarbon pollution
Enhanced frictional properties	Aids fuel economy
Excellent low temperature capabilities	Quick cold weather starting and ultra fast protection Helps to extend engine and electrical system life
High Viscosity Index	Excellent overall lubrication and wear protection performance for all driving styles and conditions, from mild to severe.

Applications

Mobil 1 Turbo Diesel 0W-40 is recommended for all types of modern vehicles, especially high-performance turbo-charged, supercharged diesel multi-valve fuel injected engines found in passenger cars, SUVs, light vans and trucks.

- Mobil 1 Turbo Diesel 0W-40 is especially suitable for extreme conditions, where conventional oil often may not perform.
- Mobil 1 Turbo Diesel 0W-40 is not recommended for 2-Cycle or aviation engines, unless specifically approved by the manufacturer.

Specifications and Approvals

Mobil 1 Turbo Diesel 0W-40meets or exceeds requirements of the following industry specifications:	0W-40
ACEA A3/B3	X
ACEA A3/B4	X

Mobil 1 Turbo Diesel 0W-40 has the following builder approvals:	0W-40

Mobil 1 Turbo Diesel 0W-40 has the following builder approvals:	0W-40
VW 502 00	X
VW 505 00	X

According to ExxonMobil, Mobil 1 Turbo Diesel 0W-40 is of the following quality:	0W-40
API CF	X
OPEL Diesel Service Fill GM-LL-A-025	X
OPEL Diesel Service Fill GM-LL-B-025	X

Typical Properties

Mobil 1 Turbo Diesel 0W-40	Value
Viscosity, cSt (ASTM D445)	
@ 40º C	75
@ 100º C	13.5
Viscosity Index	185
MRV at -40ºC, cP (ASTM D4684)	31,000
HTHS Viscosity, mPa•s @ 150ºC, (ASTM D4683)	3.8
Total Base Number (ASTM D2896)	11.8
Sulfated Ash, wt% (ASTM D874)	1.3
Phosphorous, wt% (ASTM D4981)	0.1
Flash Point, ºC (ASTM D92)	230
Density @15.6 ºC, 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 contact 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.

Mobil , Mobil 1 and the Pegasus design are trademarks of Exxon Mobil Corporation, or one of its subsidiaries.

05-2020
EXXONMOBIL LUBRICANTS & SPECIALTIES EUROPE, A DIVISION OF EXXONMOBIL PETROLEUM & CHEMICAL, BVBA (EMPC)
POLDERDIJKWEG
B-2030 Antwerpen
Belgium

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

ExxonMobil is comprised of numerous affiliates and subsidiaries, many with names that include Esso, Mobil, or ExxonMobil. Nothing in this document is intended to override or supersede the corporate separateness of local entities. Responsibility for local action and accountability remains with the local ExxonMobil-affiliate entities.

© Copyright 2003-2026 Exxon Mobil Corporation. All Rights Reserved