

HAVOLINE DIESEL 15W-40

Havoline Diesel 15W-40 is a high performance multigrade passenger car engine oil. It is specially formulated from select mineral base stocks and advanced additive technology to meet the lubrication requirements of passenger car and light commercial vehicle diesel engines, including turbocharged engines, and cars and vans equipped with catalytic convertors. At the same time the Havoline Diesel 15W-40 engine oil meets all the latest requirements for lubricating today's gasoline engines.

Benefits

Havoline Diesel 15W-40 protects against engine sludge and varnish deposits providing for a longer lasting, more efficient engine. Havoline Diesel 15W-40 helps minimise friction and wear at startup thereby keeping maintenance costs to a minimum. Havoline Diesel 15W-40 resists viscosity and thermal breakdown even under severe service ensuring the engine is maintained in its most efficient condition. Havoline Diesel 15W-40 is suitable for lean burn engines and inhibits the formation of black sludge in vehicles prone to this problem. Provided strict adherence to the car manufacturers' recommendations for viscosity grade and service category is observed, Havoline Diesel 15W-40 will ensure proper functioning and prolonged life of the engine.

Applications

Havoline Diesel 15W-40 was developed to offer a quality demanded by the car manufacturers, necessary for reliable performance in all naturally aspirated and turbocharged diesel passenger car and light commercial vehicle engines in Europe. For diesel engines the ACEA B2-98 and API CF performance quality give an excellent level of engine protection which today's classical lubrication technology can offer.

For gasoline engines, ACEA:A2-96 (Issue 2) and API SJ performance levels demonstrate that Havoline Diesel 15W-40 offers all the benefits of a good quality gasoline engine lubricant.

Havoline Diesel 15W-40 also provides exceptional protection in engines where oils are recommended meeting the former CCMC PD2 or G4 and/or API CD/SG performance.

Standards and Approvals

Havoline Diesel 15W-40 surpass the following international diesel and gasoline performance standards and approvals:

Certified against	ACEA: B2-98; ACEA: A2-96 (Issue 2)
Licensed as	API CF/SJ
Manufacturers Approval	VW 505.00; 501.01 MB 229.1

Health and Safety

Havoline Diesel 15W-40 has been formulated to the highest safety standards and is unlikely to present any significant health and safety hazards when used properly in the recommended application, and when good standards of industrial and personal hygiene are maintained. However, should eye contact occur, flush for a minimum of 15 minutes with clean water. A Materials Safety Data Sheet is available on request and is supplied as a matter of course to purchasers of this product.

PRODUCT INFORMATION



Typical Data

Density at 15 °C, kg/l	0.884
Flash point (COC), °C	223
Pour point, °C	-30
Kinematic viscosity, mm ² /s	
at 40 °C	103.2
at 100 °C	13.8
Apparent viscosity, mPa.s	
at -15 °C	3300
at -20 °C	6400
Pumpability at -25 °C, mPa.s	29100
Sulphated ash, % wt	1.32