

HAVOLINE PREMIUM 15W-40

Havoline Premium 15W-40 is a high performance passenger car engine oil specially formulated from select mineral base stocks and advanced additive technology to meet the lubrication requirements of gasoline and diesel engines, including turbocharged engines and cars equipped with catalytic converters.

Benefits

Havoline Premium 15W-40 protects against engine sludge and varnish deposits allowing the engine to operate at its most efficient. Havoline Premium 15W-40 help minimise friction and wear thereby reducing maintenance costs to a minimum. Havoline Premium 15W-40 resists viscosity and thermal breakdown in under severe operating conditions ensuring the engine is maintained in the most efficient condition. Havoline Premium 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 Premium 15W-40 will ensure proper functioning and prolonged life of the engine.

Applications

Havoline Premium 15W-40 was developed essentially for gasoline engines, but will also give excellent performance in naturally aspirated and turbocharged diesel passenger cars. Havoline Premium 15W-40 offers the quality demanded by the car manufacturers, necessary for reliable performance in all naturally aspirated and turbocharged gasoline and diesel passenger car engines in Europe. For gasoline engines the ACEA A2-96 Issue 2 and API SJ performance quality give an excellent level of engine protection which today's classical lubrication technology can offer.

For diesel engines, ACEA:B2-98 and API CF performance levels demonstrate that Havoline Premium 15W-40 offers all the benefits of a good quality diesel engine lubricant.

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

Standards and Approvals

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

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

Health and Safety

Havoline Premium 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