

HAVOLINE EXTRA 10W-40

Havoline Extra 10W-40 is a highly shear stable, multigrade passenger car engine oil of very high performance. Havoline Extra 10W-40 is formulated using non-conventional and mineral base oils, together with a high performance additive package and a viscosity index improver which provides excellent shear stability. Havoline Extra 10W-40 surpasses ALL requirements for the highest ACEA standards and as further proof of top quality is also fully API SJ/CF licensed and hence is carrying the true API Service Symbol (DONUT) with the additional energy conserving mark. Havoline Extra 10W-40 is a multigrade engine oil incorporating the most advanced technology in both its formulation and manufacture.

Benefits

Havoline Extra 10W-40 is a top quality gasoline engine oil which is also perfectly suited for automotive diesel engines. Havoline Extra 10W-40 has been developed to offer a quality which satisfies the needs of all passenger cars present on the European roads, whether they have gasoline or diesel engines, are turbo-charged or not. Havoline Extra 10W-40 will provide all year round flawless operability throughout Europe. Havoline Extra 10W-40 shows low oil consumption tendency and is particularly recommended for modern high output engines, including those incorporating the most up to date leaner burn gasoline engine technology and those equipped with catalytic exhaust systems. Havoline Extra 10W-40 will protect against engine failure and against engine performance deterioration, thereby reducing maintenance and repair costs.

Applications

For gasoline engines the ACEA:A3-98 and API SJ performance quality offer the highest level of protection against black sludge, wear and oil oxidation which today's lubrication technology can offer. The development of Havoline Extra 10W-40 has been directed to obtain approval from those European car manufacturers particularly concerned about wear problems. This further highlights the particularly high anti-wear performance which Havoline Extra 10W-40 fulfills. For diesel engines the ACEA:B3-98 and API CF performance level, together with European diesel engine manufacturers' approvals, demonstrate that Havoline Extra 10W-40 offers all the benefits of a high quality diesel engine lubricant.

Havoline Extra 10W-40 is fully compatible with all catalyst systems utilised on modern vehicles.

Approvals

API	SJ/CF
ACEA	A3-98; B3-98
VW	500.00/505.00
Ford	WSS-M2C911-A
Rover	RES.22.0L.G4/RES.22.0L.PD2/RES.22.0L.D5
Mercedes Benz	229.1
BMW	Special Oils Listing
Porsche	Approved

Havoline Extra 10W-40 also meets the requirements of:

MIL-L-2104C, MIL-L-46152B, Ford WSS-M2C-901; WSS-M2C-902; WSS-M2C-903; GM-6049, Mercedes Benz 227.5

Health and Safety

Havoline Extra 10W-40 Motor Oil 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 comprehensive Materials Safety Data Sheet is available on request and is supplied as a matter of course to purchasers of this product.

Typical Data

Density at 15 °C, kg/l	0.88
Flash point (COC), °C	220
Pour point, °C	-30
Kinematic viscosity, mm ² /s	
at 40 °C	101
at 100 °C	14.8
Apparent viscosity, mPa.s	
at -20 °C	3150
at -25 °C	6200
Pumpability at -30 °C, mPa.s	27100
Sulphated ash, % wt	1.1