



Havoline® Synthetic 506.01 0W-30

Ultra high performance fully synthetic engine lubricant

Product Data Sheet



Customer benefits

Improved power output

Havoline Synthetic 506.01 0W-30 is a highly shear stable fully synthetic engine lubricant formulated for use in LPG, gasoline and diesel passenger car engines or light duty diesel vans, whether naturally aspirated or turbocharged. Havoline Synthetic 506.01 0W-30 delivers reduced oil consumption capabilities, and is recommended for latest generation high power output engines.

Formulated with fully synthetic base stocks and advanced additive technologies, Havoline Synthetic 506.01 0W-30 is designed to meet and exceed VW and Audi engine lubrication requirements, delivering superior engine performance and advanced protection under severe operating conditions as defined by the engine manufacturer.

Havoline Synthetic 506.01 0W-30 is designed to offer extended maintenance intervals (known as VOI and longlife service QG1) delivering optimum protection to direct injection and unit injection systems.

Maximum engine protection

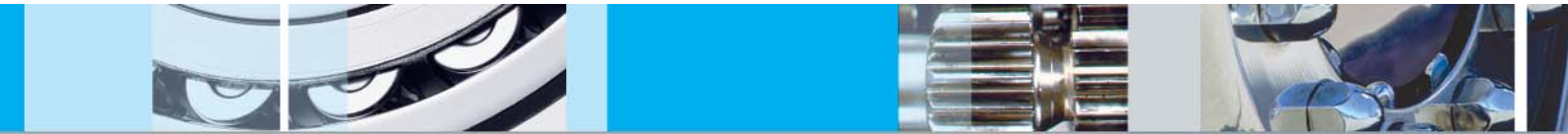
Havoline Synthetic 506.01 0W-30 is specially formulated with advanced technology additive systems to provide maximum engine protection under severe operating conditions.

These additive systems include high performance viscosity index (VI) improvers designed to maximise thermal stability across the complete range of operating temperatures. These VI additives offer maximum protection in very cold engine starts - remaining highly fluid and pumpable at low temperatures, ensuring rapid lubrication to vital engine components in the critical first minutes of operation.

This high performance VI technology also protects against the formation of black sludge, varnish and other corrosive elements within the engine, optimising engine cleanliness, wear protection and corrosion prevention over extended service periods.

Product features:

Havoline Synthetic 506.01 0W-30 has been specifically formulated for use in Volkswagen/Audi direct injection and unit injection diesel engines, offering extended maintenance intervals and delivers exceptional performance and protection to both LPG and gasoline engines in severe driving conditions.



Applications

- Naturally aspirated and turbocharged VW/Audi gasoline passenger cars or light duty diesel vehicles requiring lubricants carrying VW 503.00, VW 506.00 or VW 506.01 approvals.

Specifications and approvals

Havoline Synthetic 506.01 0W-30 meets and exceeds the following gasoline and diesel engine oil performance standards and approvals:

- Certified against ACEA A5/B5-04

Manufacturers approvals

- Volkswagen / Audi VW 503.00, 506.00, 506.01 as "longlife 2 oil"



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continued

Product specifications

HAVOLINE SYNTHETIC 506.01 0W-30		
TYPICAL DATA		
TEST	TEST METHODS	RESULTS
Viscosity Grade		0W-30
Density, 15 °C, kg/l	ASTM D4052	0.856
Visc, Kinematic, 40 °C, mm ² /s	ISO 3104	53
Visc, Kinematic, 100 °C, mm ² /s	ISO 3104	9.4
Viscosity Index	ISO 2909	164
HTHS, 150 °C, mPa.s	CEC-L-36-A-90	2.9
Pour Point, °C	ISO 3016	-45
Flash Point COC, °C	ISO 2592	218
Total Base Number, mgKOH/g	ISO 3771	9.9
Sulphated Ash, %wt	ASTM D0874	1.2
Colour	ISO 2049	2.0

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved. This supersedes all previous editions and information contained in them.

Disclaimer Chevron accepts no liability for any loss or damage suffered as a result of using this product for any application other than applications specifically stated in any Product Data Sheet's.

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