



Ultra high performance synthetic multigrade engine lubricant, available in 5W-30 and 5W-40 grades. Formulated with synthetic base stocks and advanced additives with low levels of sulphated ash, phosphorus and sulphur, Havoline Ultra S is a low SAPS lubricant.

Havoline Ultra S lubricants are suitable for use in gasoline and diesel passenger car, and light duty commercial diesel engines.

## APPLICATIONS

- Especially recommended for BMW and Daimler passenger car diesel engines that are equipped with particulate filters. It can be used in BMW gasoline and diesel engines, Daimler passenger cars and light duty diesel engines and in a number of Daimler gasoline engines. At normal drain intervals the oils are suitable for use in Volkswagen/Audi gasoline engines and in certain Volkswagen / Audi diesel engines
- Porsche cars as of model year 1973
- Renault and Hyundai diesel engines with particulate filters and in other applications where an ACEA C3 engine oil is specified

## BENEFITS

- Emission system durability**  
Contributes to the prolonged life and efficiency of emission reduction systems, without compromising engine durability
- DPF durability**  
Low level of ash-forming additives assists in diesel particulate filter cleanliness and performance
- Catalytic Converter durability**  
Low phosphorus and sulphur content helps increase three-way catalytic converter service life in gasoline engines, and in other exhaust after treatment systems

## PERFORMANCE STANDARDS

ACEA	C3, A3/B4 (includes A3/B3)
API	SN/CF
Ford	WSS-M2C-917A (5W-40)
Renault	RN 0700/0710 (5W-40)

Approvals	
BMW	Long life-04 (restricted to EU countries for gasoline cars)
Daimler	MB 229.51/229.31
Porsche	A40 (5W-40)
Volkswagen	505.01 (5W-40 only) / 502.00 / 505.00



Product performance is equivalent to that needed to meet the specification requirements of General Motors dexos<sup>®</sup> 2, but product is not approved or endorsed by GM. Note that dexos<sup>®</sup> 2 is backwards compatible with GM-LL-A-025 and GM-LL-B-025 and as clearly defined by GM: "dexos<sup>®</sup> 2 replaces GM-LL-A-025 and GM-LL-B-025"

### TYPICAL CHARACTERISTICS

Product Code	3149	3150
SAE Grade	5W-30	5W-40
Density, 15 °C, kg/L	0.85	0.85
Flash Point COC, °C	240	232
Pour Point, °C	-36	-42
Viscosity at 40°C, mm <sup>2</sup> /s at 100°C, mm <sup>2</sup> /s	73 12.3	84 14
Viscosity Index	168	172

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.

### PACK SIZES

208L

### ENVIRONMENT, HEALTH and SAFETY

Information is available on this product in the Caltex Material Safety Data Sheet (MSDS) and Caltex Customer Safety Guide. Customers are encouraged to review this information, follow precautions and comply with laws and regulations concerning product use and disposal. To obtain a MSDS for this product, visit [www.caltex.com.au](http://www.caltex.com.au)

This bulletin was prepared in good faith from the best information available at the time of issue. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected.

It is the responsibility of the user to ensure that the products are used in the applications for which they are intended.

### OTHER INFORMATION

For further information on Caltex products and services call the Lubelink Advisory Service on 1300 364 169 between 8.00am and 6.00pm (EST) Monday to Friday.

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