

# Mobil SHC Formula LA 5W-30

## Fully synthetic low ash engine lubricant for Daimler Chrysler cars

### Product Description

Mobil SHC Formula LA 5W-30 is a high performance fully synthetic engine lubricant. It is designed to meet the new and demanding requirements for a product of low phosphorus, sulphur and sulphated ash to work with the latest exhaust after-treatment technologies to reduce harmful emissions. Mobil SHC Formula LA 5W-30 has been designed to meet the latest needs of Daimler Chrysler.

### Features and Benefits

Mobil SHC Formula LA 5W-30 provides the following features and benefits:

- Fully synthetic formulation
- Low Ash (LA) formulation to optimise performance of exhaust after-treatment technology in reducing emissions
- Low viscosity to provide fuel economy and emissions reduction benefits
- Excellent low temperature fluidity provides rapid circulation and wear protection at start-up particularly when cold
- Excellent oxidation and thermal stability provide protection when exposed to high temperature and demanding service

### Applications

Mobil SHC Formula LA 5W-30 should be used for service or top-up on Daimler Chrysler vehicles requiring the use of a MB 229.31 approved oil. These vehicles will already have been filled with an oil of this quality at the factory. Mobil SHC Formula LA 5W-30 is approved as follows:

### Specifications and Approvals

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**Mobil SHC Formula LA 5W-30 has the following builder approvals**

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MB 229.31

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### Typical Properties

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**Mobil SHC Formula LA 5W-30**

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SAE Grade	5W-30
Viscosity, ASTM D 445	
cSt @ 40°C	75.04
cSt @ 100°C	12.28
Viscosity Index, ASTM D 2270	162
Sulphated Ash, wt%, ASTM D 874	0.8

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**Mobil SHC Formula LA 5W-30**

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Total Base Number, mg KOH/g, ASTM D 2896	6.81
Pour Point, °C, ASTM D 97	-39
Flash Point, °C, ASTM D 92	210
Density @ 15°C, kg/l, ASTM D 4052	0.846

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**Health and Safety**

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

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