

# Product Information

A PRODUCT OF ASHLAND CONSUMER MARKETS, A COMMERCIAL UNIT OF ASHLAND INC.



Lubricants - Engine Oil - Passenger Car Motor Oils

Version: 043/01

## SynPower™ motor oil SAE 0W-20

***Premium fully synthetic motor oil, formulated with the highest quality synthetic base oils, enhanced with the most advanced additive technology. Especially recommended for Hybrid cars where Fuel Economy and CO2 reduction is important.***

### Approvals/Performance levels

| <b>SAE 0W-20</b>  |
|-------------------|
| API SM, SN        |
| ACEA A1           |
| ILSAC GF-5        |
| Ford WSS-M2C930-A |
| Chrysler MS-6395  |
|                   |

### Applications

Provides the ultimate performance in meeting the latest requirements for passenger cars and hybrid cars reducing the fuel consumption and the exhaust emissions.

The product is suitable for driving the year round, even during the wintertime with very low temperatures.

Very high quality motor oil, recommended for Asian passenger cars like Toyota and Honda.

### Features and Benefits

SynPower SAE 0W-20 is recommended for all applications where a Global product SAE 0W-20 is recommended with fuel economy properties.

#### Environment:

The product fulfils the most severe requirements of the EURO Standards with regard to exhaust emissions. The product actively contributes to a better environment.

#### Wear Protection:

The wear protection of this low viscosity motor oil is guaranteed by its modern additive system. Consult your owners' manual when pulling a heavy trailer.

#### Breakdown resistance:

Increased thermal and oxidation stability.  
Improved oil film strength.  
Protection under severe conditions.

#### Fuel efficiency:

Formulated to a low viscosity in order to improve fuel economy, reduce friction, and improve power.

#### Cold start Properties:

The fluidity of the product at very cold temperatures is excellent and provides an easy cold start with hardly any wear on moving engine parts.

# Product Information



A PRODUCT OF ASHLAND CONSUMER MARKETS, A COMMERCIAL UNIT OF ASHLAND INC.

## Health and Safety

This product is not likely to present any significant health or safety hazards when used correctly in the right application. A Material and Safety Data Sheet (MSDS) is available on request via your local sales office or via the internet @ <http://msds.ashland.com>

## Protect the Environment

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

## Typical Properties

Typical property characteristics are based on current production. Whilst future production will conform to Valvoline™ specifications, variations in these characteristics may occur.

| SynPower motor oil                                    |       |
|---|-------|
| SAE Viscosity Grade                                   | 0W-20 |
| Viscosity, mm <sup>2</sup> /s @ 100 °C.<br>ASTM D-445 | 8.8   |
| Viscosity, mm <sup>2</sup> /s @ 40 °C.<br>ASTM D-445  | 47.0  |
| Viscosity Index<br>ASTM D-2270                        | 170   |
| Viscosity, mPa.s -35°C.<br>ASTM D-5293                | 4600  |
| TBN, mg KOH/g<br>ASTM D-2896                          | 8.7   |
| Pour Point, °C<br>ASTM D-5950                         | -45   |
| Specific Gravity @ 15.6°C.<br>ASTM D-4052             | 0.844 |
| Flash Point, COC, °C.<br>ASTM D-92                    | 220   |

This information only applies to products manufactured in the following location(s): Europe

## People Who Know, Use Valvoline™

Serving more than 100 countries around the globe, Valvoline is a leading marketer, distributor and producer of quality branded automotive and industrial products and services. Products include automotive lubricants including MaxLife™, the first motor oil specifically formulated for higher-mileage vehicles; transmission fluids; gear oils; hydraulic lubricants; automotive chemicals; specialty products; greases, and cooling system products.

For more information on Valvoline products, programs and services please visit [www.valvolineurope.com](http://www.valvolineurope.com)

## Author:

AdG

Replaces – 043/00

\*Trademark owned by a third party ™ Trademark of Ashland or its subsidiaries, registered in various countries © 2010, Ashland

All statements, information and data presented herein are believed to be accurate and reliable, but are not to be taken as a guarantee, an express warranty, or an implied warranty of merchantability or fitness for a particular purpose, or representation, express or implied, for which Ashland Inc. and its subsidiaries assume legal responsibility.