

# Product Information

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



Lubricants - Engine Oil – Motorcycle Motor Oils

Version: 306/05b

## SynPower 4T SAE 10W-50

Valvoline SynPower 4T is a high performance fully synthetic motor oil for 4-cycle motorcycle engines. The product is wet clutch compatible and is recommended for motorcycles where API SN or JASO MA fluids are specified. This product is specially formulated to exceed the requirements of all leading engine manufacturers and provides superior protection in severe operating conditions. Valvoline SynPower 4T gives a quick cold start and smooth lubrication, even under very cold weather circumstances. The higher viscosity is an advantage for off road riding circumstances.

### Performance levels

<b>SAE 10W-50</b>
API: SN
JASO: MA, MA-2

### Applications

Four-stroke motorcycle engines where SAE 10W-50 motor oil is recommended.

Motorcycles where the JASO MA2 specification is required.

Optimized for lubrication systems where engine, gearbox and clutch are integrated (wet sump).

Suitable for motorcycles running in cold circumstances.  
Leisure, Transport, Cross, and day to day riding.

### Features and Benefits

#### Wear protection:

Strong oil film protects the engine against wear and corrosion.

#### Engine cleanliness:

Keeps the engine clean and in good condition

#### Break Down resistance:

Thermal and Oxidation stable oil film.

#### Multi Purpose use:

Suitable for leisure, transport, cross, and day to day riding.

#### Protects wet clutch

Optimal frictional characteristics for maximum power transfer, smooth shifting and proper protection of the wet clutch.

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## 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.

<b>SynPower 4T</b>	
<b>SAE Viscosity Grade</b>	10W-50
<b>Viscosity, mm<sup>2</sup>/s @ 100 °C.</b> ASTM D-445	17.5
<b>Viscosity, mm<sup>2</sup>/s @ 40 °C.</b> ASTM D-445	116
<b>Viscosity Index</b> ASTM D-2270	165
<b>TBN, mg KOH/g</b> ASTM D-2896	7.3
<b>Pour Point, °C</b> ASTM D-5950	-36
<b>Specific Gravity @ 15.6°C.</b> ASTM D-4052	0.856
<b>Flash Point, COC, °C.</b> ASTM D-92	235

**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)

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