



# Product Information

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

## Lubricants - Engine Oil – Motorcycle Motor Oils

Version: 307/06b

### DuraBlend™ 4T SAE 20W-50

**High performance synthetic blend engine oil for four-stroke motorcycle engines  
-- Specially formulated to meet the requirements of leading motorcycle  
manufacturers and to protect under severe operating conditions.**

The synthetic blend is formulated with select high quality base stocks and the finest extreme pressure additives provide optimum film strength.

#### Performance levels

SAE 20W-50
API: SL
JASO: MA, MA2

#### Applications

Four-stroke motorcycle engines where API SL or JASO MA fluids are required.

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

Suitable for high-performance motorcycles.

#### Features and Benefits

##### Wear protection

Increased anti-wear agents (zinc and phosphorous) help minimize wear from metal-to-metal contact.

##### Engine cleanliness

Special cleaning agents and dispersants help prevent deposit formation and keep engines clean.

##### Stays in grade

Keeps its protective oil film during the entire refreshment period and maintains viscosity grade rating.

##### Breakdown resistance

Shear stable viscosity improvers help resist oil film breakdown.

##### Multi-purpose use

Suitable for leisure, transport 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 Safety Data Sheet (SDS) 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.

DuraBlend 4T	
<b>SAE Viscosity Grade</b>	20W-50
<b>Viscosity</b> , mm <sup>2</sup> /s @ 100 °C. ASTM D-445	18,1
<b>Viscosity</b> , mm <sup>2</sup> /s @ 40 °C. ASTM D-445	162
<b>Viscosity Index</b> ASTM D-2270	123
<b>TBN</b> , mg KOH/g ASTM D-2896	6,5
<b>Pour Point</b> , °C ASTM D-5950	-36
<b>Specific Gravity</b> @ 15.6°C. ASTM D-4052	0,874
<b>Flash Point</b> , COC, °C. ASTM D-92	260

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

## Keeping the world moving since 1866™

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.valvolineeurope.com](http://www.valvolineeurope.com)

## Author:

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Replaces – 307/05b

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