

# Product Information



---

*Lubricants - Engine Oil - Passenger Car Motor Oils*

## XLD Motor Oil 20W50

*Premium range of traditional mineral passenger car motor oil  
- Reduces wear and deposits for the demands of everyday motoring*

XLD motor oil is a multigrade motor oil developed to meet the requirements of a variety of engine manufacturers. Using Group 2 base oils, it is formulated with premium additive systems, ensuring enhanced performance and long term protection.

---

### Applications

Suitable for a range of passenger petrol engines requiring a traditional mineral oil.

---

### Features and Benefits

- Superior Protection  
XLD fights the three major causes of engine stress – heat, deposits and wear.
- Viscosity Control  
Delivers enhanced durability and lower oil consumption.
- Wear protection  
Excellent wear protection and enhances engine life without adversely effecting emissions system life-time.

---

### Health and Safety

This product is not likely to present any significant health or safety hazards when used correctly in the right application. More information is available on request via our office on +92-21-35122796 to 97 or through our website [www.valvoline.pk/Contact-Us](http://www.valvoline.pk/Contact-Us)

---

### Protect the Environment

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

---

*Rubatech – Authorised Channel Partner of Valvoline in Pakistan.*

# Product Information



## 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>XLD</b>				
SAE Viscosity Grade	20W50			
Viscosity @100 °C, mm <sup>2</sup> /s, ASTM D445	17.5			
Viscosity @40 °C, mm <sup>2</sup> /s, ASTM D445	155			
Viscosity Index, ASTM D2270	120			
Density @15°C, kg/L, ASTM D4052	0.877			
CCS Viscosity, mPa.s @ <sup>0</sup> C, ASTM D5293	6800 (-15)			
TBN, mg KOH/g, ASTM D2896	6.3			
Noack, %mass, ASTM D5800				
Pour Point, °C, ASTM D5950	-33			
Flash Point (COC), °C, ASTM D92	256			

## 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; 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.valvoline.pk](http://www.valvoline.pk) or contact the Valvoline Technical Hotline on +92-21-35122796 to 97.

Author:

FM – Effective 1-04-2013

Replaces -1011, 1054, 1051, 1013/ 02

Rubatech – Authorised Channel Partner of Valvoline in Pakistan.