

## Maxol Permiline Synthetic HD 100

### Description:

Maxol Permiline Synthetic HD 100 is a synthetic industrial gear oil based on synthesized hydrocarbons under addition of special additives.

- Natural high viscosity index
- Excellent high and low temperature properties
- Very good resistance towards high pressures and shock loads
- High resistance to 'micro-pitting'
- High resistance against corrosion and oxidation
- Long service life
- Strong reduction of wear

### Application:

This synthetic oil is very suitable for the lubrication of heavy loaded mechanical gearboxes and bearings with a high thermal load. In comparison with mineral industrial gear oils a substantial extension of the oil drain interval is possible. This oil is compatible with all seal materials and paints normally specified for use with mineral oils. So no special change-over procedure is necessary.

### Performance Level:

DIN 51517-3 CLP
AIST (US Steel) 224
AGMA 250.04/9005-D94
David Brown S1.53.106
ISO 12925-1 Type CKD

### Typical Characteristics:

Density at 15 °C, kg/l	0.852
Viscosity 40 °C, mm <sup>2</sup> /s	98.10
Viscosity 100 °C, mm <sup>2</sup> /s	14.40
Viscosity Index	152
Flash Point PM, °C	207
Pour Point, °C	-51
Acid number, mgKOH/g	0.71

### Important:

Always observe the manufacturers specifications when selecting products.  
Maxol Lubricants reserve the right to change this product specification without notice.

### Maxol Lubricants Ltd.

Unit D, Airport Business Campus, Santry, Dublin 9, Ireland.  
Tel: +353 (0) 1 806 0300 Web: [www.maxol.ie](http://www.maxol.ie)

