

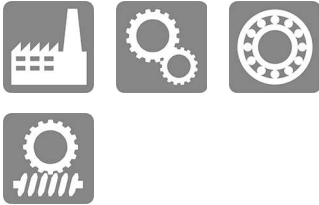
# MOL Ultrans EP 680

## premium industrial gear oil



MOL Ultrans EP 680 is a high performance industrial gear oil produced from highly refined base oils, using additives that have combined effects. Its load carrying capacity and EP performance is outstanding. This product is approved by Flender (Siemens).

### Application



High performance spur and helical, spur and spiral bevel, enclosed industrial gear drives

Gear drives exposed to shock loads

Worm gears

Oil lubricated rolling bearings

Mist lubrication systems

### Features and benefits

Excellent load-carrying properties

No lubricating film disruption even under shock loads, giving protection against seizure

Excellent protection against micropitting

Long gear lifetime, giving reliable operation

Exceptional thermal and oxidation stability

Resists the ageing process and deposit formation, even at high operating temperatures, giving long oil lifetimes and reduced maintenance costs

Low foaming tendency

Continuous lubricating film, even at high loads

No deposit formation

Low filtering cost and reduced downtime

Excellent water separation

Water accumulating at the bottom of the tank can be removed easily  
Abnormal corrosion and wear of equipment can be prevented

Free of lead and chlorine

Applicable in mist-lubrication systems

Excellent yellow metal compatibility

Fully compatible with bronze and copper metal parts

### Specifications and approvals

Viscosity grade: ISO VG 680  
*CKD Blansko -OS SKJ 80-140D*  
ISO 12925-1 CKD  
ISO-L-CKD  
DIN 51517-3 (CLP)  
AGMA 9005-E02 EP  
AGMA 251.02 EP  
AGMA 250.04 EP  
AIST (US Steel) 224  
David Brown S1.53.101 Type E  
Flender (Siemens)

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### Properties

Properties	Typical values
Density at 15°C [g/cm <sup>3</sup> ]	0,902
Kinematic viscosity at 40°C [mm <sup>2</sup> /s]	650
Kinematic viscosity at 100 °C [mm <sup>2</sup> /s]	47,9
Viscosity index	125
Pour point [°C]	-12
Flash point (Cleveland) [°C]	240
Antiwear properties (FZG)	
- failure load stage	>12

The characteristics in table are typical values of the product and do not constitute a specification.

### Storage and handling instructions

Store in the original container in dry, properly ventilated area. Keep away from direct flame and other sources of ignition. Protect from direct sunlight.

During transport, storage and use of the product follow the work safety instructions and environmental regulations relating to mineral oil products.

For further details please read the Material Safety Data Sheet of the product.

In the original container under the recommended storage conditions: 60 months

Recommended storage temperature: max. 40°C

### Ordering information

Custom Tariff Number 27101987

#### SAP code and packaging:

13008147 MOL Ultrans EP 680 10LA

10 l plastic can

13006649 MOL Ultrans EP 680 180KG

216.5 l steel drum (for order only)

#### Order booking:

Please contact your local distributor or sales partner for ordering details.