

# MOL Ultrans Synt HC 460

## synthetic industrial gear oil



MOL Ultrans Synt HC 460 is a premium quality synthetic EP gear oil. Due to its formulation it provides an excellent performance even in extreme cold and hot environments operating in extreme conditions (high load - low speed).

### Application



Enclosed industrial gear drives working at permanently high or low operating temperatures

Lubrication points with heavy loads, low speeds and high temperatures

Equipment operating in a wide range of temperatures

Bearings operating at high temperatures

### Features and benefits

Exceptional thermal and oxidation stability

Resists ageing processes in the long term and harmful deposits are not formed  
Longer lubricant lifetime, so reduced operational costs

High viscosity index

Optimum lubrication and reliable operation in a wide range of environmental and operational temperatures

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

Low coefficient of friction

Energy saving potential and reduced operational temperature

Rapid air release together with low foaming

Stable balanced lubricating film between friction surfaces, giving long equipment lifetimes

Excellent cold flow properties

Reliable operation even at low temperatures

### Specifications and approvals

Viscosity grade: ISO VG 460  
*Flender (Siemens)*  
ISO 12925-1 CKD  
ISO 12925-2 CKSMP  
ISO-L-CKSMP  
DIN 51517-3 (CLP)  
ANSI/AGMA 9005-F16

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### Properties

Properties	Typical values
Density at 15°C [g/cm <sup>3</sup> ]	0,897
Kinematic viscosity at 40°C [mm <sup>2</sup> /s]	465
Kinematic viscosity at 100 °C [mm <sup>2</sup> /s]	48,8
Viscosity index	165
Pour point [°C]	-39
Flash point (Cleveland) [°C]	>220
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: 24 months

Recommended storage temperature: max. 40°C

### Ordering information

Custom Tariff Number 34031980

#### SAP code and packaging:

13010405 MOL Ultrans Synt HC 460 10LA  
13010406 MOL Ultrans Synt HC 460 180KG

10 l plastic can (for order only)  
216.5 l steel drum (for order only)

#### Order booking:

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