

LAMORA VARIOGEAR OIL EL 2

Synthetic Traction Fluid



Benefits for your application

- **Synthetic traction gear oil**
- **Miscible with mineral oil**
- **Good corrosion protection**
- **Excellent low-temperature behaviour**
- **Good ageing stability**

Description

LAMORA VARIOGEAR OIL EL 2 is a fully synthetic traction gear oil based on synthetic hydrocarbon oils. It was especially developed to provide a sufficiently high friction coefficient for use in traction gears. This is essential if such gears are to be operated with minimum slip at high loads.

LAMORA VARIOGEAR OIL EL 2 is characterised by good protection against wear and corrosion as well as high ageing resistance. No silicone materials are used for this product.

Application

LAMORA VARIOGEAR OIL EL 2 can be used for friction drive gears of various designs operating under high loads.

Application notes

LAMORA VARIOGEAR OIL EL 2 can be used in dip-feed, circulation and injection lubrication systems.

It is neutral to most commonly used sealed materials and paint systems. Compatibility should be checked as elastomers from different manufacturers may behave differently. The specifications

in the tables on this page are therefore to be understood as for guidance only.

Operating temperature range

For dip-feed gear lubrication, the operating temperature range of this oil is between approx. – 40°C and 100°C. These specifications are guideline values depending on the texture of the lubricant, its intended use and the equipment used for its application.

Elastomeric compatibility

With 72 NBR 902 at 100 °C / 168 h

change in volume	< + 3%
change in Shore A hardness	approx. +/- 1

Material safety data sheets

Material safety data sheets can be requested via our website www.klueber.com. You may also obtain them through your contact person at Klüber Lubrication.

Pack sizes

Canister 20 l

LAMORA VARIOGEAR OIL EL 2

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Product data	LAMORA VARIOGEAR OIL EL 2
Article number	030167
Lower service temperature	-40 °C / -40 °F
Upper service temperature	100 °C / 212 °F
Kinematic viscosity, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C	approx. 3.5 mm ² /s
Kinematic viscosity, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C	approx. 17 mm ² /s
Viscosity index, DIN ISO 2909	>= 80
Density, DIN 51757, 20 °C	approx. 0.86 g/cm ³
Flash point, DIN EN ISO 2592, Cleveland, open-cup apparatus	>= 130 °C
Pour point, DIN ISO 3016	<= -45 °C
Anticorrosive properties on steel, DIN ISO 7120, method A, steel, 24 h/60 °C	no rust
Colour space	blue
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	36 months

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Innovative tribological solutions are our passion. Through personal contact and consultation, we help our customers to be successful worldwide, in all industries and markets. With our ambitious technical concepts and experienced, competent staff we have been fulfilling increasingly demanding requirements by manufacturing efficient high-performance lubricants for more than 80 years.

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