

Klüber Tyreno Fluid WA-70V

for low and fine vacuum applications (mech. backing pumps)



Benefits for your application

- Low final pressures, low backflow rates
- Waterwhite fluid for single or double stage, oil-sealed backing pumps

Description

Klüber Tyreno Fluid WA-70V is a paraffin-base mineral oil with additives.

Application notes

Prior to filling, flush the pumps with fresh oil to remove all solid residues. Avoid mixing with synthetic oils.

Application

General-purpose working fluid for oil-sealed vacuum pumps extracting air, noble gases, but not oxygen. The product is very suitable for thin-layer processes, such as CVD/PVD etc.

The final pump pressure of approx. 10^{-3} mbar measured in double-stage mechanical pumps.

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	Klüber Tyreno Fluid WA-70V
Canister 5 l	+
Canister 10 l	+
Canister 20 l	+
Drum 200 l	+

Product data	Klüber Tyreno Fluid WA-70V
Article number	130033
Chemical composition, type of oil	paraffinic mineral oil
Colour space	colourless
Appearance	clear
Density, DIN 51757, 20 °C	approx. 0.87 g/cm ³
Kinematic viscosity, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C	approx. 70 mm ² /s
Kinematic viscosity, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C	approx. 8 mm ² /s
Flash point, DIN EN ISO 2592, Cleveland, open-cup apparatus	approx. 245 °C
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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Klüber Lubrication – your global specialist

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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The data in this document is based on our general experience and knowledge at the time of publication and is intended to give information of possible applications to a reader with technical experience. It constitutes neither an assurance of product properties nor does it release the user from the obligation of performing preliminary field tests with the product selected for a specific application. All data are guide values which depend on the lubricant's composition, the intended use and the application method. The technical values of lubricants change depending on the mechanical, dynamical, chemical and thermal loads, time and pressure. These changes may affect the function of a component. We recommend contacting us to discuss your specific application. If possible we will be pleased to provide a sample for testing on request. Klüber products are continually improved. Therefore, Klüber Lubrication reserves the right to change all the technical data in this document at any time without notice.

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