

ISOFLEX PDP

10, 38, 40, 48, 61 A Fernschreib. K, 65, 94, 300

Synthetic long-term oils



Description

ISOFLEX PDP oils are synthetic long-term oils based on ester oil. They show a good viscosity-temperature behavior, a high flash point, a low pour point, good ageing and oxidation stability as well as corrosion protection. Compared to mineral oils, they hardly change their viscosity at low or high temperatures thus ensuring less decrease in performance and reduced power consumption.

Application

ISOFLEX PDP oils are ideally suited for lubrication points which have to meet high demands and show a long service life. They can be used for rolling bearings subject to high thermal and static loads, even at high speeds, plain bearings, guides in communication equipment, radio-probes, precision and measuring instruments, control systems, turbines, synchronous motors and elements with exacting tolerance in the fields of telecommunication, data systems and cryotechnology. Furthermore, ISOFLEX PDP oils are suitable for the impregnation of sintered bearings and sintered compacts.

ISOFLEX PDP 61 A Fernschreib. K has been especially designed for mechanically actuated friction points in teletypewriters.

Application notes

ISOFLEX PDP oils are neutral towards metals. Due to the great variety of different elastomers and plastics, their compatibility with these oils has to be checked prior to series application. ISOFLEX PDP oils are miscible with mineral oils. However, we recommend removing the used oil from the lubrication point in order to fully utilize the performance of these oils.

Minimum shelf life

The minimum shelf life in the closed original container in a dry place is approx. 60 months.

Pack sizes

1 l canister
20 l canister

ISOFLEX PDP oil

- Synthetic long-term oils
- Wide service temperature range
- Low pour point
- Good viscosity-temperature behavior
- Oxidation and ageing stability
- Good corrosion protection

Current material safety data sheets can be downloaded from our website www.klueber.com or requested from Klüber Lubrication.

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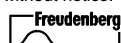


Product data:

Product	Colour, aspect	Density DIN 51 757 (g/ml) at 20 °C approx.	Service temperatur e range*, approx.	Kinematic viscosity DIN 51 562 part 01 (mm ² /s), at °C, approx. 40 100	Viscosity index DIN ISO 2909 approx.	Flash point DIN ISO 2592 °C approx.	Pour point DIN ISO 3016 °C approx.
ISOFLEX PDP 10	yellowish, clear	0.92	– 65 to 100	8 2.3	110	200	– 70
ISOFLEX PDP 38	yellowish, clear	0.92	– 65 to 100	12 3.2	125	200	– 70
ISOFLEX PDP 40	yellowish, clear	0.92	– 50 to 100	19 5	230	200	– 55
ISOFLEX PDP 48	yellowish, clear	0.92	– 45 to 100	30 7.9	240	200	– 50
ISOFLEX PDP 61 A Fernschreib. K	red, clear	0.92	– 45 to 100	50 14	200	180	– 50
ISOFLEX PDP 65	yellowish, clear	0.92	– 50 to 100	68 17	245	200	– 55
ISOFLEX PDP 94	yellowish, clear	0.93	– 40 to 100	120 28.2	250	200	– 45
ISOFLEX PDP 300	yellowish, clear	0.93	– 30 to 100	350 72.3	250	180	– 35

* Service temperatures are guide values which depend on the lubricant's composition, the intended use and the application method. Lubricants change their consistency, apparent dynamic viscosity or viscosity depending on the mechano-dynamical loads, time, pressure and temperature. These changes in product characteristics may affect the function of a component.

The data in this product information is based on our general experience and knowledge at the time of printing 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 tests with the selected product. We recommend contacting our Technical Consulting Staff to discuss your specific application. If required and possible we will be pleased to provide a sample for testing. Klüber products are continually improved. Therefore, Klüber Lubrication reserves the right to change all the technical data in this product information at any time without notice.



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