

# AIRPRESS 15, 32 and 68

Specials oil for industrial installations and airless systems



## Description

AIRPRESS oils are multifunctional fluids based on mineral oil and ester oil. They offer good lubricating capacity and corrosion protection. AIRPRESS oils have a foam-reducing effect and accelerate air release. They disperse up to 5 % of condensed water without causing corrosion and prevent icing.

## Application

AIRPRESS oils can be used for pneumatic systems, e.g. compressed air appliances, air systems in weaving machines, air tubes and for extending the service life of friction points like cylinders, valves and tappets. These oils are also suitable for the lubrication of spiral cutters removing lint from textiles and for chains or guides. AIRPRESS oils can be used for applications subject to high air humidity and or weak vapors of alkaline and acid solutions.

AIRPRESS 15, 32 and 68 have proven effective in gears subject to minor loads and oil-lubricated bearings, e.g. in knitting machines or oil circulation systems, e.g. spherical roller bearings, and for hydraulic systems and components of airless systems.

## Application notes

AIRPRESS oils are suitable for immersion, immersion circulation and injection lubrication. The oils can also be applied by drip-feed systems, brush, oil feeder or automatic systems, e.g. oil mist lubrication systems (please observe maximum viscosity specified by the manufacturer). The friction points should be free of any contamination.

## Compatibility with materials

AIRPRESS oils are neutral towards all materials commonly used in machine construction, paints and seals made of e.g. NBR. Prior to series application we recommend checking compatibility of AIRPRESS with the materials in contact.

## AIRPRESS 15, 32 und 68

- Multi-purpose oils with good lubricating capacity and corrosion protection
- Reduces foam formation
- Good air shedding capacity
- Relatively high water absorption capacity
- Prevents icing
- Easy application

## Minimum shelf life

The minimum shelf life is approx. 36 months if the product is stored in its unopened original container in a dry, frost-free place.

## Pack sizes

- 20 l metal canister
- 200 l steel drum

## Product data

AIRPRESS	15	32	68
Base oils	mineral and ester oil		
Service temperature range*, [°C], approx.	-30 to 100	-15 to 100	-10 to 100
Color	light yellow, clear		light yellow, clear
Density at 20 °C, DIN 51757, g/cm <sup>3</sup> , approx.	0.88	0.87	0.88
Kinematic viscosity, DIN 51562 pt. 1, Ubbelohde, at 40 °C, mm <sup>2</sup> /s	15-17	30-34	64-72

\* 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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