

FOOD-PLUS HYDRAU HLP PAO XTR 46

FOODGRADE HYDRAULIC OILS

324001201

DYADE
LUBRICANTS



SYNTHETIC OILS FOR THE FOOD INDUSTRY

This product is formulated using specially selected synthetic base stocks in combination with the latest additive technology. It is essentially non toxic, making it suitable for applications where incidental contact with food or raw materials during production is possible. Thanks to its great performance characteristics and versatility, the product oils can be used in most applications in the manufacturing process in the food production and processing industry. The product has been developed together with the world's leading paper industry companies and service operators.

Due to their excellent anti-wear properties, these fluids are used as hydraulic oils for both power and motion transfer in machinery operating near food production processes. In addition to being neutral and safe for incidental contact with food, they offer a wide range of performance benefits. Their high viscosity index ensures excellent behavior across both high and low temperatures, with relatively flat viscosity-temperature curves that provide smooth operation under varying thermal conditions. Their outstanding low-temperature characteristics make them especially suitable for hydraulic systems operating in cold environments, such as cooling and freezing facilities. With a low pour

point, these fluids can operate reliably at temperatures below 0 °C, making them highly recommended for equipment functioning under start-stop conditions. They also demonstrate high resistance to viscosity loss from shear, excellent anti-foam performance with efficient de-aeration, and very good water demulsifying capacity. Available in a wide range of viscosities, they cover virtually all hydraulic system requirements. In addition, they are tested with UV tracers to enable detection by camera systems and other tracking devices, supporting precise tracing of hydraulic leakages.

PROPERTY	METHOD	VALUE
Colour		Fluorescent yellow
ISO Viscosity Grade	ISO 3448	46
Density @ 15 °C, kg/dm ³	ASTM D1298	0.83
Viscosity @ 40 °C, mm ² /s	ASTM D445	42-50
Viscosity @ 100 °C, mm ² /s	ASTM D445	7.9
Viscosity index	ASTM D2270	>135
Pour point, °C	ASTM D97	<-55
Flash point, °C	ASTM D92	265
Kosher approved		Yes
Halal approved		Yes

CATEGORY

Hydraulic Fluids

All data on this technical data sheet is indicative only

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