

# FOOD-PLUS HYDRAU HLP PAO 46

FOODGRADE HYDRAULIC OILS

324001101



## SYNTHETIC OILS FOR THE FOOD INDUSTRY

Specially selected synthetic base stocks and advanced additive technology are utilized in the formulation of this product. Additionally, it is essentially nontoxic, which means it is safe for use in applications where there may be incidental contact with food or raw materials during production. The oil's impressive performance characteristics and versatility make it a suitable choice for a wide range of manufacturing applications within the food production and processing industry. This product is a type of oil that can be used in hydraulic systems for power and motion transfer in machinery located near food production processes. It has excellent anti-wear properties and is neutral to health. It offers many benefits, including a high viscosity index that provides exceptional high and low-temperature behavior, low pour point for operation in start-stop conditions, and outstanding anti-foam characteristics. Additionally, this oil has a wide range of viscosities to meet various hydraulic requirements, lower friction resulting in lower energy consumption,

and contributes to a lower carbon footprint. This oil can also be used for general lubrication purposes, such as bearings, slides, chains, and small mechanisms that require a high-performance oil that provides clean and non-contaminating lubrication. It can be applied through automatic or manual methods like dropping, spraying, wick, or by hand. Furthermore, this oil can be used as a light anti-corrosive protector for metallic materials that may come into contact with food products. For example, it is suitable for wire used in sealing canned meat, conveyors, slides, and metallic cans in manufacturing equipment and handling.

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

## CATEGORY

Hydraulic Fluids

## BENEFITS

All data on this technical data sheet is indicative only

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