

# HYDRAU-PLUS BIO UVS 46

BIODEGRADABLE HYDRAULIC OILS

326100401



## BIODEGRADABLE HYDRAULIC FLUID FROM RENEWABLE SOURCES

This line of hydraulic oils consists of synthetic esters derived from unsaturated vegetable sources that are environmentally friendly. The oils are composed of high viscosity base oils, which contribute to their low pour points. Additionally, they are formulated with an additive package that provides excellent oxidation stability, anti-corrosion, and anti-wear properties. These oils also have minimal impact on aquatic and marine ecosystems. These hydraulic oils are an ideal replacement for traditional mineral oils in both stationary and mobile hydraulic systems, particularly in areas where spills or leaks are more likely to occur. Such systems are typically encountered in offshore settings, as well as marine environments, including subsea installations, harbor cranes, and life-saving equipment.

## CATEGORY

- Hydraulic Fluids

## BENEFITS

- Very high viscosity index
- High shear stability
- Good lubricating properties
- Good oxidation stability resulting in a very long lifetime and reduced cost
- Excellent seal compatibility
- Miscible with conventional mineral oils
- European Ecolabel reg. number NL/27/002
- Swedish Standard SS 15 54 34 SP listed
- CEC L-33-A-93 biodegradability of >90 %

## PROPERTY

PROPERTY	METHOD	VALUE
Density @ 20 °C, kg/dm <sup>3</sup>	ISO 3675	0.92
Viscosity @ 40 °C, mm <sup>2</sup> /s	ISO 3104	44-50
Viscosity @ 100 °C, mm <sup>2</sup> /s	ISO 3104	9.5
Viscosity index	ASTM D2270	222
Pour point, °C	ASTM D97	-40
Flash point C.O.C, °C	ASTM D93	260
Dry TOST, hours	ASTM D943	>600

## METHOD

## VALUE

All data on this technical data sheet is indicative only

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