

HYDRAU-PLUS ECO 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. Choosing the appropriate viscosity grade depends largely on the working and ambient temperatures of the equipment, with ISO VG 22 and 32 being best suited for lower temperatures, ISO 46 being a versatile option, and ISO VG 68 being preferable for higher temperatures. These

oils meet the ISO/FDIS I5380 HEES standard.

PROPERTY	METHOD	VALUE
Density @ 20 °C, kg/dm ³	ISO 3675	0.92
Viscosity @ 40 °C, mm ² /s	ISO 3104	44-50
Viscosity @ 100 °C, mm ² /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

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 %

All data on this technical data sheet is indicative only

202503V01



DYADE LUBRICANTS B.V.
TYPOGRAAF 16 | 6921 VB DUIVEN
THE NETHERLANDS

0031 (0) 316 745 745
INFO@DYADEGLOBAL.COM
WWW.DYADEGLOBAL.COM

DYADE MAINTAIN THE THINGS WE VALUE