

HYDRAU-PLUS BIO HVLP 46

BIODEGRADABLE HYDRAULIC OILS

326102401

DYADE
LUBRICANTS



FOOD GRADE, FIRE RESISTANT BIODEGRADABLE HYDRAULIC FLUID

This product provides a unique combination of a non-toxic (food grade) fluid and biodegradability. This makes it suitable for applications where both characteristics are needed. Examples can be found in hydraulic systems which are operated in food processing which takes place in environmentally sensitive areas such as fish farms, fish processing facilities, fish processing vessels, and pelagic fish harvesting vessels. The product is blended from synthetic esters with selected additives that provide excellent anti-wear properties, enhanced resistance to oxidation, and good corrosion protection. It is fully compatible with any types of plastics. The high viscosity index provides good viscosity versus temperature characteristics which are very beneficial in environments where temperature variations are found. It is also suitable as HFDU class for applications close to heat sources and flames. It has a very low burn efficiency and a high flash point, resulting in a significant reduction in fire hazard. Unlike

water glycol-based formulations, it does not require constant monitoring to maintain fire resistance. This product meets the most stringent specifications of the food industry and fits perfectly in Hazard Analysis Critical Control Point (HACCP), Global GAP, and other certification systems like BRC and ISO 22000. It also meets those requirements specified in FDA 21 CFR 178.3570. This product is suitable for use in hydraulic systems, food packaging, and pneumatic systems found in fisheries and aquaculture sectors, especially in areas where contamination of the lubricant with soil, sewage, or surface water is likely or may occur.

CATEGORY

Hydraulic Fluids

BENEFITS

PROPERTY	METHOD	VALUE
Appearance		Transparent
Colour		0.5
Density @ 20 °C, kg/dm ³	ISO 3675	0.93
Viscosity @ 40 °C, mm ² /s	ISO 3104	42-50
Viscosity index	ASTM D2270	>190
Flash point C.O.C, °C	ASTM D93	>280
Pour point, °C	ASTM D97	<-39
Demulsibility, (40/37/3-30 min.)	ASTM D1401	Pass
FZG	ASTM D5182	12
NSF registration		pending
Kosher approved		yes
Halal approved		yes

All data on this technical data sheet is indicative only

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