

UNITED BIODEGRADABLE HYDRAULIC OIL FP

Product Description:

United Biodegradable Hydraulic Oil FP does not contain water, mineral oil or phosphate that blended with special high viscosity index ester base stocks and carefully selected additives. It is a boutique of the hydraulic oil that will replace mineral oil-based hydraulic oil and meet or exceed the requirements of the European ECO Label scheme for biodegradable hydraulic fluids specifications.

United Biodegradable Hydraulic Oil FP is non-irritating, non-toxic to aquatic organisms, completely biodegradable, waste easy to handle. It is suitable for use in hydraulic equipment that requires environmental protection. Not only to ensure the environment-friendly but also affect the overall operation of the hydraulic system performance. It has a longer service life, excellent wear and lubricity with comparing mineral base stoke hydraulic oil. United Biodegradable Hydraulic Oil FP is suitable for use in most hydraulic equipments.

Applications / Benefits:

- © Completely biodegradable, waste easy to handle.
- Excellent oxidation, hydrolytic and thermal stability.
- High shear stability.
- Excellent wear, lubricity.
- 🛮 Extended service life in offshore, off-road and forestry applications.

Typical Characteristics:

Test Description	Method					
ISO Viscosity Grade	-	15	22	32	46	68
Specific Gravity @ 15 °C	ASTM D 4052	0.901	0.905	0.910	0.915	0.923
Flash Point, °C	ASTM D 92	220	238	242	245	252
Pour Point, °C	ASTM D 97	-39	-39	-39	-36	-30
Kinematic Viscosity, cSt @ 40°C	ASTM D 445	15.2	22.4	33.1	45.3	68.5
cSt @ 100°C	ASTM D 445	3.98	5.20	7.01	9.33	12.9
Viscosity Index	ASTM D 2270	170	174	180	195	192
Color	ASTM D 1500	<1.0	<1.0	<1.5	<1.5	2.0

Specifications, Approvals & Recommendations:

- Text Box: EU Ecolabel
- ISO 15380 HEES
- Eaton Brochure 03-401-2010
- Parker Hannifin France HF-1
- Parker Hannifin France HF-2
- Parker Hannifin France HF-6

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Product