



LUBRICANTS



Product Data Sheet

BioTribe Hydraulic Fluid

Readily biodegradable, anti-wear hydraulic fluid

Biodegradable, multi-viscosity hydraulic fluid that is formulated using naturally renewable fluid and zinc free ashless additives to provide outstanding protection for hydraulic and circulating systems operating under moderate conditions, especially those operating in environmentally sensitive areas. Satisfies the requirements for readily biodegradability and non-toxicity making it a desirable product where leakage or spillage of conventional oils could result in damage to the environment.

Features and Benefits

- Multi-metal compatibility
- Biodegradability and non-toxicity
- Seal and elastomer compatibility
- Outstanding corrosion protection
- Exceptional load-carrying and anti-wear properties

Applications

- Environmentally sensitive areas
- Agricultural
- Mining
- Construction
- Forestry
- Marine industries

Typical Properties

Product Code	Test Method	334320
Viscosity cSt @ 40°C	ASTM D445	37
Viscosity cSt @ 100°C	ASTM D445	8.3
Viscosity Index	ASTM D2270	210
Color	ASTM D1500	L1.0
Water Separability, minutes to pass @ 130°F	ASTM D1401	40/40/0/30
Flash Point, COC, °F (°C)	ASTM D92	518°F (270°C)
FZG Gear Test Fail Stage	Din 51354	12
Pour Point °F (°C)	ASTM D97	-20 (-28)
Four Ball Wear, 40Kg	ASTM D4172	0.40
Biodegradability	CEC-L-33-T-82	95%

These properties are typical of current production, minor variations are to be expected in normal manufacturing.

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