



PRODUCT DATA SHEET

Oilzum Bio-Green Hydraulic Oil

Oilzum Bio-Green Hydraulic Oil is a biodegradable, multi-viscosity hydraulic fluid that is formulated using vegetable based oil.

Oilzum Bio-Green Hydraulic fluid is based on a natural renewable vegetable oil that has been successfully used in making environmentally friendly hydraulic fluids that provide excellent anti-wear and anti-corrosion properties. Based on a specially selected natural vegetable oil that is much friendlier to the environment than conventional mineral based hydraulic oils, it is designed for use in applications where the risk of environmental damage through leakage/spillage from hydraulic equipment is high such as agriculture, construction, mining, and marine industries. Oilzum Bio-Green Hydraulic Oil offers multi-grade characteristics similar to mineral oil based formulations.

Features	Advantages and Potential Benefits
Biodegradability and non-toxicity	Reduces potential for environmental damage, 95% biodegradable within 30 days based on the CEC-L-33-T-82 test. Lowers potential remediation and clean-up costs caused by spills or leakage.
Exceptional load-carrying and anti-wear properties	Protects system components against wear. Provides long equipment life.
Outstanding corrosion protection	Reduces corrosion of internal system components
Multi-metal compatibility	Non-reactive with steel or copper alloys
Seal and elastomer compatibility	Works with same elastomers used with mineral based oils. No need for special seals or elastomers.

Typical Analysis	Test	Typical
Viscosity @ 40° C, cST	D445	37
Viscosity @ 100° C, cST	D445	8
Viscosity Index	D2270	198
Pour Point °C	D97	-28
Demulsification, minutes	ASTM D1401	32
Rust Test	D665A	No Rust
Copper Corrosion 3 hrs at 100° C	D130	1A
Vickers Vane	V104c, 100h	below 5 mg
Flash Point °C (°F.)	ASTM D92	270°C (518° F.)
Biodegradability	CEC-L-33-T-82	95%

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