

BioGreen UltraGard 5000+ Hour AW Hydraulic Oil

*5000 Hour Oxidation Life in All Temperature Grades for High Pressure,
High Temperature Applications
Premium Anti-Wear Hydraulic Oil*

DESCRIPTION

BioGreen UltraGard ISO Hydraulic Oils are blended from premium Group II base oils selected for their outstanding resistance to high temperature oxidation, thermal stability, color and ability to stay in grade over long periods. The oils are blended using an OEM approved additive system for maximum resistance to oxidation and foaming and contain a high level of zinc based anti-wear additives.

BioGreen UltraGard ISO Hydraulic Oils are essentially non-conductive and are approved for use in overhead electrical service equipment.

BENEFITS

- ✓ Biodegradable;
- ✓ Compatible with petroleum oils - no flushing necessary;
- ✓ Readily recyclable;
- ✓ Long service life under severe conditions;
- ✓ Inhibit rust, corrosion and foaming and aid in water tolerance;
- ✓ Contains zinc anti-wear additives for maximum protection to gears and rotors;
- ✓ Excellent low-temperature service;
- ✓ OEM approved additive system.

APPLICATION

- ✓ Hydraulic systems operating under high pressure and high heat;
- ✓ Overhead electrical service equipment where non-conductive oils are required;
- ✓ Farm tractors with separate, add-on hydraulic tanks for buckets, bale spikes, etc.;
- ✓ Construction equipment such as front end loaders and excavators where AW oils are recommended;
- ✓ Logging equipment such as skidders, feller bunchers, harvesters, loaders where AW oils are recommended;
- ✓ General commercial applications such as hydraulic lifts in muffler shops, scissor lifts, trash compactors;
- ✓ Dump trucks, hydraulic jacks, log splitters, car haulers, lift gates, hydraulic presses, forklifts;



HEALTH SAFETY This product is not classified as hazardous under OSHA definition, simply wash with soap and water after handling. Health & Safety information is printed in the MSDS sheet available on request. This product should not be used for purposes other than its intended use. Typical properties may vary slightly due to product research & development, information may change without notification.

PERFORMANCE LEVELS Cincinnati Milacron P-68(ISO-32), P-69 (ISO-46), P-70 (ISO-68), Vickers I-286-S (Industrial), M-2950 (Mobile) Denison HF-0 approved.

TYPICAL PROPERTIES	METHOD	ISO 15	ISO 22	ISO 32	ISO 46	ISO 68	ISO 100	ISO 150	All Season
Specific Gravity at 15.6°C	D 1298	0.853	0.865	0.861	0.874	0.875	0.885	0.888	0.857
Viscosity, cSt at 40C	D 445	16.3	20.6	31.6	46.0	70.4	100.0	138.1	34.0
Viscosity, cSt at 100°C	D 445	3.8	4.6	5.5	6.8	9.1	11.2	13.7	5.4
Viscosity Index	D2270	129	93	109	102	105	98	95	90
Flash Point, C	D 92	196	195	212	177	226	243	232	212
Pour Point, C	D 97	-38	-41	-26	-26	-26	-30	-21	-42
Di-elective Strength, KVA min	D877	35	35	35	35	35	35	35	35
Oxidation Life	D943	5000+	5000+	5000+	5000+	5000+	4500+	4500+	5000+