

Series MILES HYDRO-SYN Biodegradable Hydraulic Fluid

Series **MILES HYDRO-SYN** utilizes advanced synthetic base fluids and additives to provide biodegradability without sacrificing performance. This advanced technology formulation has a long fluid life even in severe operating conditions, and offers excellent resistance against wear, corrosion and carbon deposits.

ATTRIBUTES

- Excellent protection against wear, rust and corrosion
- Excellent demulsibility
- Excellent oxidative stability
- High viscosity index
- Excellent carbon and varnish control
- Very low volatility
- Non-toxic/non-hazardous

TYPICAL PROPERTIES

Lubrication Properties	MILES HYDRO- SYN-15	MILES HYDRO- SYN-22	MILES HYDRO- SYN-32	MILES HYDRO- SYN-46	MILES HYDRO- SYN-68	MILES HYDRO- SYN-100
Grade	15	22	32	46	68	100
Viscosity cSt @ 40°C	15.5	23.1	31.0	45.1	66.3	101
Oxidation Stability	10000+	10000+	10000+	10000+	10000+	10000+
Color (D1500)	<.5	<.5	<.5	<.5	<.5	<.5
Flash Point °F	360	395	420	435	450	516
Pour Point °F	-82	-52	-44	-40	-36	-28
Copper Corrosion	1a	1a	1a	1a	1a	1a
Rust Test	Pass	Pass	Pass	Pass	Pass	Pass
Foam Sequence 1	0/0	0/0	0/0	0/0	0/0	0/0
Pump Wear Test Vickers (I-286-S, M2950-S, 35VQ25)	Pass	Pass	Pass	Pass	Pass	Pass
Racine	Meets	Meets	Meets	Meets	Meets	Meets
Cincinnati Milacron	Meets	Meets	Meets	Meets	Meets	Meets
Denison (HF-0, HF-2)	Meets	Meets	Meets	Meets	Meets	Meets
Demulsibility, 130°F, 30 Min	40/40/0	40/40/0	40/40/0	40/40/0	40/40/0	40/40/0