

Hydraulic Fluids

Standard, Flame-Out®, Biodegradable and Low Temp.



■ Standard hydraulic oil

For dependable performance of all your hydraulic pumps and cylinders you need this specially formulated, high grade hydraulic fluid. It contains foam suppressant additives and has a high viscosity index. Refer to table below for specifications.

■ Flame-Out® 220 fire resistant hydraulic fluid

This synthetic hydraulic fluid contains anti-rust, anti-foam and anti-sludge additives while providing fire resistant protection. It provides maximum lubrication and heat transfer and can be used in a wide operating temperature range. With Flame-Out fluid you do not have to change seals in your Power Team equipment. When you need this fluid, just drain the standard oil and replace it with Flame-Out 220.

(Note: Fire resistant fluids will burn if heat source is extreme enough. They will not, however, propagate the flame and are self-extinguishing when there is no ignition source.)

■ “Environmentally friendly” hydraulic fluid

- Biodegradable, non-toxic fluid withstands moderate to severe operating conditions; provides excellent protection against rust.
- Balanced formulation prevents corrosion, offers superior anti-wear properties, has excellent multi-metal compatibility.

Developed to meet stringent performance requirements and satisfy growing environmental needs for hydraulic fluids which are readily biodegradable and non-toxic. Can be used with all Power Team pumps, cylinders, valves and other accessories using our standard seals. Depending on the contamination or degradation levels which might be present in used fluid, small amounts of this substance, if spilled, will not affect ground water or the environment. Acceptable methods of disposal include use as a fuel supplement. Since this fluid will not typically be hazardous waste, additional disposal options may be available, including land farming or processing through sewage treatment facilities, if necessary approvals are obtained from appropriate regulatory authorities. This fluid has been tested against EPA 560/6-82-003 and OECD 301 for biodegradability, and toxicity has been tested against EPA 560/6-82-002 and OECD 203: 1-12. Not recommended for operation in temperatures below -7 C (20 F) or above 71 C (160 F). Recommended storage temperatures not below -23 C (-10 F) or above 77 C (170 F). For additional technical information or to order a Material Safety Data Sheet call 1-800-477-8326.

■ Low-temperature oil

Provides smooth, reliable operation in the coldest climate conditions.

Oil Description	Qty.	Order No.
Standard Oil	.9 L (934 cu. cm.)	9636
Standard Oil	3.8 L (3786 cu.cm.)	9637
Standard Oil	9.5 L (9457 cu. cm.)	9638
Standard Oil	208 L	9616
Flame Out®	3.8 L (3786 cu.cm.)	9639
Flame Out®	9.5 L (9457 cu. cm.)	9640
Biodegradable	3.8 L (3786 cu.cm.)	9645
Biodegradable	9.5 L (9457 cu. cm.)	9646
Low-Temp.	3.8 L (3786 cu.cm.)	9647

SPECIFICATIONS

Description	Grade (ASTM)	Specific Gravity @ 16°C (60°F)	Color (ASTM)	Flash Point	Fire Point	Pour Point	Viscosity		Viscosity Index	Foam Test (ASTM)
							SUS @ 38°C (100°F)	SUS @ 99°C (210°F)		
Standard Oil	215	.88	2.0	204 C (400 F)	221 C (430 F)	-34 C (-30 F)	215	48	100 min.	Pass
Flame Out®	220	.91	Light Amber	260 C (500 F)	228 C (550 F)	-26 C (-15 F)	220	55	140 min.	Pass
Biodegradable	—	.92	2.0	224 C (432 F)	NA*	-30 C (-22 F)	183	53	213 min.	Pass
Low-Temp.	—	.87	6.5 (Red)	180 C (356 F)	204 C (399 F)	-45 C (-48 F)	183	52	190 min.	Pass

*Not available