

# Hydraulic Fluids

Standard, Flame Out®,  
Biodegradable And Low Temp.



Oil Description	Qty.	Order No.
Standard Oil	1 qt. (57 cu. in.)	<b>9636</b>
Standard Oil	1 gal. (231 cu. in.)	<b>9637</b>
Standard Oil	2½ gal. (577 cu. in.)	<b>9638</b>
Standard Oil	55 gal.	<b>9616</b>
Flame-Out®	1 gal. (231 cu. in.)	<b>9639</b>
Flame-Out®	2½ gal. (577 cu. in.)	<b>9640</b>
Biodegradable	1 gal. (231 cu. in.)	<b>9645</b>
Biodegradable	2½ gal. (577 cu. in.)	<b>9646</b>
Low Temp.	1 gal. (231 cu. in.)	<b>9647</b>



SPECIFICATIONS										
Description	Grade (ASTM)	Specific Gravity @ 60°F (16°C)	Color (ASTM)	Flash Point	Fire Point					
Standard Oil	215	.88	2.0	400°F (204°C)	430°F (221°C)	-30°F (-34°C)	215	48	100 min.	Pass
Flame-Out®	220	.91	Light Amber	500°F (260°C)	550°F (288°C)	-15°F (-26°C)	220	55	140 min.	Pass
Biodegradable	—	.92	2.0	432°F (224°C)	NA*	-22°F (-30°C)	183	53	213 min.	Pass
Low Temp.	—	.87	6.5 (Red)	356°F (180°C)	399°F (204°C)	-48°F (-45°C)	183	52	190 min.	Pass

## Standard Hydraulic Oil

- For dependable performance of all your hydraulic pumps and cylinders.
- Contains foam suppressant additives and has a high viscosity index.

## Flame-Out® 220 fire resistant hydraulic fluid\*

- Contains anti-rust, anti-foam and anti-sludge additives.
- Provides fire resistant protection.  
(Note: Will burn if heat source is extreme enough. Will not, however, propagate the flame and is self-extinguishing when there is no ignition source.)
- Provides maximum lubrication and heat transfer.
- Offers a wider operating temperature range.
- No need to change seals in your Power Team equipment. Just drain the standard oil and replace it with Flame-Out® 220.

## Biodegradable Hydraulic Fluid

- Biodegradable, non-toxic fluid withstands moderate to severe operating conditions; provides excellent protection against rust.
- 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 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 20°F (-7°C) or above 160°F (71°C). Recommended storage temperatures not below -10°F (-23°C) or above 170°F (77°C). For additional technical information or to order a **MATERIAL SAFETY DATA SHEET** call 1-800-477-8326 or go to [www.powerteam.com](http://www.powerteam.com).

## Low Temperature Oil

Provides smooth, reliable operation in the coldest climate conditions.