



SPITFIRE 19000

(High Viscosity Index Hydraulics)

SPITFIRE 19000 is High end premium quality anti-wear with viscosity index exceeding 160; designed for use in hydraulic systems in industrial and mobile service where high performance, extreme pressure and temperature anti-wear properties are required. They are formulated from premium quality base oils with selected high grade viscosity modifiers and selected additive's system to provide excellent protection against wear and corrosion, enhanced thermal and oxidation stability, and resistance to rusting and foaming.

Meets the Specifications of:

- Parker Hannifin France HF-0
- Eaton Vickers M-2950-S
- Eaton Vickers I-286-S
- Cincinnati Machine P-69
- Cincinnati Machine P-68
- Cincinnati Machine P-70
- GM LH-06-1
- GM LH-04-1
- GM LH-03-1
- GM LS-2
- DIN 51524 Part 2
- JCMAS HK
- U.S. Steel 127
- U.S. Steel 136
- Bosch Variable Volume Vane Pump
- Commercial Hydraulics

Typical Product Performance

Characteristics	ISO Viscosity Grade	ISO Viscosity Grade
	32	68
Density @ 15 C, kg/l	0.874	0.880
Pour Point, C	-9	-8
Flash Point, C	228	226
Kinematic Viscosity, cSt		
@ 40 C	32.52	68.987
@ 100 C	5.59	9.252
Viscosity Index	165	163





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The product typical may change without notice. However, the performance of the product would meet & exceed the API & OEM requirements.

Customer Benefits

- Excellent wear protection in all operating conditions.
- Superior thermal and oxidation stability to resist oil degradation and thickening for longer oil service life.
- Rapid water separation, excellent air release and anti-foam properties to ensure trouble-free operation.
- Specially selected additives system prevents the formation of damaging deposits, varnish, sludge and rust.

Recommended Oil Interval Changes

The recommended oil chain interval is 2000 hours. The oil change intervals can be as short as 1800 hours to 2400 hours in some machinery fitted with filters. We recommend that you follow the oil and filter change frequencies shown in your owner's manual.

