



Steel Shield Technologies

SST-ECI HD-AP Hydraulic Oil No.32/46/68/100/150

ECI HD Hydraulic Oil is a Heavy Duty general purpose anti-wear hydraulic oils formulated with enhanced ABF technology. The oils possess good anti-wear, anti-corrosion and anti-oxidation properties and meet Park Denison HF-0, HF-2 and DIN 51524 Part I, II specifications.

BENEFITS

- General purpose economy oils
- Excellent protection against wear, rust and corrosion
- Good oxidation stability
- Good filterability
- Reduce downtime 300% and more
- Extends the life of hydraulic components upto 400% (conditional to the physical status)
- Improves efficiency in terms of smoothness

APPLICATION

ECI HD Hydraulic Oil is recommended for use in most of the hydraulic systems, particularly for older machines that oil change is more often. They are not suitable for use in systems with silver plated components.

TYPICAL SPECIFICATION

ISO Grade		32	46	68	100	150	
Kinematic Viscosity,	@ 40°C, cSt	ASTM D445	30	45	67	98	145
	@ 100°C, cSt	ASTM D445	5.3	6.7	8.6	10.9	14.5
Viscosity Index	ASTM D2270	99	99	98	97	96	
Flash Point (COC), °C	ASTM D92	212	220	228	245	250	
Pour Point, °C	ASTM D97	-12	-12	-10	-10	-10	

Whilst these characteristics are typical at current production, it may vary in the future subject to Steel Shield's final production specification.

IMPORTANT Reminder: In case of an oil change, we recommend the system be flushed for precaution of any possible cross effects between the new and the old oils of different make, and to maximize the performance and the lifetime of the new oil.