

SPX ENVIRO-SAFE HYDRAULIC

PREMIUM ZINC-FREE ANTI-WEAR HYDRAULIC OIL

SPX Enviro-Safe Hydraulic is a premium, zinc-free, anti-wear hydraulic oil for use in various industrial and mobile hydraulic systems and applications operating in environmentally sensitive areas. It is specially formulated for reduced environmental impact in case of leaks or spills. SPX Enviro-Safe Hydraulic is formulated with a zinc-free anti-wear additive package to provide excellent wear protection for hydraulic pumps and motors. It meets the performance requirements of all major hydraulic pump manufacturers, and is recommended for use in all types of high pressure, high-speed hydraulic pumps.

Advantages

- Excellent oxidation resistance and thermal stability resulting in reduced sludge and deposit formation
- Protects against rust and corrosion
- Excellent water-separating properties
- Excellent wear protection for hydraulic pumps and motors

Applications

- Hydraulic systems on industrial, mobile, and marine equipment
- Hydraulic systems where the equipment manufacturer specifies a zinc-free anti-wear hydraulic oil
- Hydraulic equipment used in environmentally sensitive areas, such as national parks, wildlife refuges, ski resorts, and other recreational areas
- Elevators, service station lifts, hoists, presses, and floor jacks
- Marine cargo winches and steering systems
- Mobile construction equipment
- Oil drilling rigs and offshore platforms
- Chain drives

Specifications

SPX Enviro-Safe Hydraulic meets the following industry and OEM specifications:

- ASTM D6158
- Bosch Rexroth RE 90220
- Conestoga Pump Test ISO 20763
- DIN 51524 Part II
- Parker Hannifin (Denison) HF-0, HF-1, HF-2
- Eaton-Vickers M-2950-S
- Fives Cincinnati P-68 (ISO 32), P-70 (ISO 46), P-69 (ISO 68)
- ISO 11158



Industrial



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TYPICAL PROPERTIES

ISO Grade	32	46	68
Specific Gravity @ 60°F	0.861	0.865	0.868
Density, lbs/gal @ 60°F	7.17	7.21	7.23
Color, ASTM D1500	0.5	0.5	1.0
Flash Point (COC), °C (°F)	210(410)	221(430)	235(455)
Pour Point, °C (°F)	-29(-20)	-29(-20)	-29(-20)
Viscosity			
cSt @ 40°C	30.1	44.3	65.9
cSt @ 100°C	5.2	6.6	8.6
Viscosity Index	100	100	100
Oxidation Stability, TOST, ASTM D943, hours	>7,000	>7,000	>7,000
Rust Test, ASTM D665 A	Pass	Pass	Pass

Minor variations in typical properties data are to be expected in normal manufacturing.

Health & Safety Information

For recommendations on safe handling and use of this product, please refer to the Safety Data Sheet (SDS).



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