

PSP HYDRAULIC EP

Product Data Sheet

PSP HYDRAULIC EP is formulated with refined paraffinic base oils and it provide excellent anti-wear protection, oxidation and corrosion inhibition, as well as foam and aeration suppression. Designed for use in hydraulic systems in industrial and mobile service where anti-wear properties are required.

Applications

- All hydraulic pumps designs including vane, gear and axial and radial piston pumps except for pumps containing silver plated components.
- All heavy-duty hydraulic applications (mobile and stationary) requiring excellent wear protection.
- Plain and anti-friction bearings used in electric motors.
- Gear sets requiring non-EP gear oils.
- Automated machine tools, presses, die-casting machines, circulating systems and hydraulic control systems.

Features and Benefits

The key benefits of PSP HYDRAULIC EP include:

- Rust and corrosion protection
- Good anti-wear performance reducing down time
- Resistance to oxidation to extend oil service life
- Minimum viscosity change over a wide temperature range.
- Anti-foam property to prevent loss of hydraulic power
- Good water separation to prevent rust to prolong equipment life

Performance Standards

Denison HF-0 / HF-1 / HF-2

Cincinatti Milacron P-68/ 69 / 70

DIN 51524 part 2 and 3

Vickers M-2950-S / I-286-S

US Steel 127 / 136

Typical Physical Characteristic

PSP HYDRAULIC EP	46	68
Appearance	Bright & Clear	Bright & Clear
Density @ 15°C (kg/l)	0.8634	0.8727
Viscosity, ASTM D445		
cSt @ 40°C	45.65	68.84
cSt @ 100°C	7.09	8.99
Viscosity Index, ASTM D 2270	114.1	104.6
Demulsibility (40/37/3), mins	40/37/3 (17)	40/37/3 (6)
Foaming Sequence I (ml/ml)	10/0	10/0
Pour Point °C, ASTM D97	-14	-14
Flash Point, PMCC, °C	226	230

The characteristics are typical of current production. Whilst future production will conform to PSP Lubricants' specification, variations in these characteristics may occur.

* For more information, please contact our sales representative