

## PSP HYDRAULIC AWS

### Product Data Sheet

PSP HYDRAULIC AWS 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 AWS 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

DIN 51517

AFNOR NF E 48-603

DIN 51524 -1

ISO 6743/4

DIN 51524 -2

#### Typical Physical Characteristic

PSP HYDRAULIC AWS	46	68
Density @ 15°C (kg/l)	0.872	0.878
Viscosity, ASTM D445		
cSt @ 40°C	46.0	68.0
cSt @ 100°C	6.60	8.99
Viscosity Index, ASTM D 2270	98	98
Pour Point °C, ASTM D97	-12	-12
Flash Point, PMCC, °C	210	220

*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