

PESADO Hydraulic Oil AW is a high quality anti wear (AW) hydraulic fluid formulated from refined base oils and a balanced additive system. It is designed to provide excellent protection against wear, rust, oxidation, foaming and air entrainment in hydraulic systems operating under moderate to severe conditions.

### PERFORMANCE, FEATURES & BENEFITS

- Anti wear additives protect pumps and system components
- Excellent oxidation stability and thermal performance
- Superior water separation and rapid air release
- Good corrosion and rust protection
- Suitable for both industrial and mobile equipment

### MAIN APPLICATIONS

PESADO Hydraulic Oil AW is recommended for use in:

- Industrial hydraulic systems with vane, piston, or gear pumps
- Mobile hydraulic systems in construction, agriculture, mining and material handling
- Circulating systems and moderately loaded gears and bearings
- Hydraulic tools, presses, lifts and machine tools

### SPECIFICATIONS & RECOMMENDATIONS

- DIN 51524 Part 2

### PRODUCT SPECIFICATIONS

| TEST PARAMETER  | TEST METHOD | TYPICAL VALUE  |                |                |                |                |                |
|-----------------|-------------|----------------|----------------|----------------|----------------|----------------|----------------|
| SAE Grade       | -           | AW 10          | AW 15          | AW 32          | AW 46          | AW 68          | AW 100         |
| Appearance      | Visual      | Clear & bright | Clear & bright | Clear & bright | Clear & bright | Clear & bright | Clear & bright |
| KV @ 40°C       | ASTM D445   | 10             | 15             | 32             | 46             | 68             | 100            |
| KV @ 100°C      | ASTM D445   | 2.7            | 3.4            | 5.3            | 6.7            | 8.6            | 11.2           |
| Viscosity Index | ASTM D2270  | ≥ 95           | ≥ 95           | ≥ 95           | ≥ 95           | ≥ 95           | ≥ 95           |
| Density @ 15°C  | ASTM D4052  | 0.835          | 0.853          | 0.8728         | 0.8715         | 0.878          | 0.882          |
| Flash Point     | ASTM D92    | ≥ 150          | ≥ 175          | ≥ 210          | ≥ 210          | ≥ 220          | ≥ 220          |
| Pour Point      | ASTM D97    | -24            | -24            | -21            | -15            | -21            | -21            |

\* Note: Typical value; may vary slightly. Please contact your SBK representative for the current batch COA (Certificate Of Analysis)