



# SPECIAL HYDRAULIC AW OIL

## (Economical Hydraulic Oil)

**SPECIAL HYDRAULIC AW OILS** are economical products formulated for hydraulic systems and other equipment operating at moderate temperatures and pressures (below 1,000 psi).

**SPECIAL HYDRAULIC AW OILS** are based on high quality, paraffinic base stocks and fortified with a specially selected and balanced additive package including zinc dithiophosphate antiwear additives, corrosion, rust and oxidation inhibitors, demulsifiers and foam inhibitors.

**SPECIAL HYDRAULIC AW OILS** are recommended for hydraulic systems operated under low to moderate temperature and pressure conditions. In addition, they are suitable for lubricating light to moderately loaded bearings and gears that require a general purpose lubricating oil.

**SPECIAL HYDRAULIC AW OILS** are designed for hydraulic systems with high make-up rates and where low cost is most important.

### **BENEFITS:**

- **BASED ON HIGH QUALITY PARAFFINIC BASE OILS**
- **FORTIFIED WITH EFFECTIVE ANTIWEAR HYDRAULIC OIL ADDITIVE PACKAGE**
- **GOOD ANTIWEAR PROPERTIES**
- **RUST, CORROSION AND OXIDATION INHIBITED**

**SPECIAL HYDRAULIC AW OILS** can be used in hydraulic systems containing gear, screw, vane, radial or axial piston pumps operated at low to moderate temperatures and pressures. They are not recommended for hydraulic systems operated above 1,000 psi.

## TYPICAL CHARACTERISTICS

ISO Viscosity Grade	32	46	68	100
Product Code	15360	15361	15362	15363
API Gravity	31.0	30.3	29.6	29.0
Viscosity (ASTM D-445)				
cSt @ 40°C	32	46	68	98
cSt @ 100°C	5.5	6.9	8.8	10.8
Viscosity Index (ASTM D-2270)	96	96	96	93
Pour Point (ASTM D-97) °F (°C)	0 (-18)	5 (-15)	10 (-12)	10 (-12)
Flash Point (ASTM D-92) °F (°C)	390 (199)	400 (204)	420 (216)	440 (227)
Color (ASTM D-1500)	1.5	2.0	2.0	3.0
Oxidation Stability (ASTM D-943), Hours	1500	1500	1500	1500

The above data is subject to usual manufacturing variation. For more information and availability, call 1-800-442-LUBE.  
10/19/2007