

# THRIVE® AW MAX

## Anti-Wear Hydraulic Oils



### Description

**THRIVE® AW Max** Hydraulic Oils are designed to meet the most stringent requirements of most major manufacturers and users of hydraulic equipment. The five grades meet the viscosity requirements of essentially all hydraulic systems.

**THRIVE® AW Max** Hydraulic Oils are effective in reducing vane and gear pump wear in systems operating at high loads, speeds, and temperatures. Its specialized additive makeup also allows for use in severe service hydraulic systems employing axial and radial piston pumps.

**THRIVE® AW Max** Hydraulic Oils are characterized by outstanding oxidation resistance and corrosion protection; excellent thermal and hydrolytic stability, low pour points, foam resistance and the demulsibility required in fluids used in modern high pressure hydraulic systems.

**THRIVE® AW Max** Hydraulic Oils are non-corrosive to metal alloys, except those containing silver and are fully compatible with common seal materials.

### Features/Benefits

- Proven Field Performance
- Excellent Filterability
- Superior Rust and Corrosion Protection
- Exceptional Water Separation
- Excellent Hydrolytic, Thermal and Oxidation Stability
- Resists Foaming in Service

### Meets or Exceeds the Requirements of:

**ASTM D6158 HM, HMHP; Bosch Rexroth RDE-90235; Chinese Standard GB 11118.1 L-HM High Pressure and General; Danielli 0.000.001 Type 10 and 11 (ISO 46 and 68); DIN 51524-2 HLP; Eaton Brochure 03-401-2010; Eaton Lubricant Specification E-FDGN-TB002-E; Eaton Vickers I-286-S, M-2950-S; Fives Cincinnati P-68, P-70, P-69 (ISO 32, 46, 68); GM LS-2; ISO 11158 HM; JCMAS HK P041; Parker Denison HF-1, HF-2, HF-0; SAE MS1004; Swedish Standard SS 155434:2015; U.S. Steel 126; ZF TE-ML 07H, TE-ML 21M**

### Typical Properties

Product Number	91030	91032	91034	91036	91037
ISO Grade	32	46	68	100	150
API Gravity @ 60°F	32.0	31.0	30.7	29.6	28.8
Viscosity @ 40°C, cSt	33.0	47.2	71.2	106.8	161.8
Viscosity @ 100°C, cSt	5.8	6.7	8.78	10.22	14.26
Viscosity Index, typ	103	103	103	98	97
Pour Point, °F	-30	-30	-30	-15	-10
Color, ASTM D1500 (max)	1.0	1.0	1.5	1.5	2.0
Demulsibility, ASTM D1401 (40-40-0)	Pass	Pass	Pass	-	-
Corrosion Test, ASTM D6658	Pass	Pass	Pass	Pass	Pass