



## PRODUCT DATA SHEET

DAVID WEBER OIL CO.

601 Industrial Road · Carlstadt, NJ 07072 | 201.438.7333 phone | 201.438.3178 fax  
www.weberoil.com

# Gibraltar Premium Quality AW Fluids

## Superior Hydraulic Oils For Major OEM Applications

**Gibraltar Premium Quality Anti-Wear Hydraulic Oils** are a line of premium-quality hydraulic fluids designed to meet the most stringent requirements of most major hydraulic equipment OEMs. The effective use of ZDDP additive combined with other corrosion and oxidation inhibiting agents work to reduce vane and gear pump wear and make **Gibraltar Premium Quality Anti-Wear Hydraulic Oils** the best choice for hydraulic systems operating at high loads, speeds, and temperatures.

**Gibraltar Premium Quality Anti-Wear Hydraulic Oils** exhibit excellent thermal and hydrolytic stability enhancing their resistance to oxidation. These fluids are characterized by their low propensity toward deposit formations, outstanding protection from rust, good demulsibility and air release properties and excellent low-flow properties. Designed for modern hydraulic systems, **Gibraltar Premium Quality Anti-Wear Hydraulic Oils** are suitable for high pressure operation and offer excellent filterability.

**Gibraltar Premium Quality Anti-Wear Hydraulic Oils** provides the following benefits:

- Excellent Anti-Wear Protection
- Thermally & Oxidatively Stable
- Outstanding Rust & Corrosion Resistance
- Good Demulsibility & Air Release
- Superior Filterability



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### SPECIFICATIONS, APPROVALS & RECOMMENDATIONS

AFNOR: NF E 48-603 (HM) , NF E 48-690, NF E 48-691

Eaton: I-286-S3 (Industrial Equipment),  
M-2950-S (35VQ25 Pump Test)

AIST: 126 (US Steel), AIST 127 (US Steel)

GM: LS-2

ANSI/AGMA: 9005-E02-RO

ISO: 11158 HM, ISO 20763  
Conestoga Vane Pump Test

ASTM: D6158

JCMAS: P041 HK Hydraulic  
Specification

Bosch Rexroth: 90220 Type HLP

Parker (Denison): HF-0, HF-1 & HF-2  
(T6H20C Pump Testing)

Cincinnati Machine: P-68, P-69 & P-70

DIN: 51524-2 HLP

SAE: MS1004

SEB: 181222



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### TYPICAL PROPERTIES

ISO VG	32	46	68
Color, ASTM	0.5	0.5	0.5
Specific Gravity, g/cm <sup>3</sup>	0.869	0.870	0.876
Viscosity, cSt @ 40 °C	32	46	68
Viscosity, cSt @ 100 °C	5.4	6.9	8.9
Viscosity Index	102	105	104
Flash Point, COC, °C, min	205	210	230
Oxidation Stability, hrs., min, D943	5000+	5000+	5000+
Rust Test	Pass	Pass	Pass
Demulsibility, mins. 0 ml	20	20	20
Copper Corrosion	1B	1B	1B
Zinc, ppm, min.	450	450	450