

## 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 Longlife Multi-Vis HZ-1000 Series

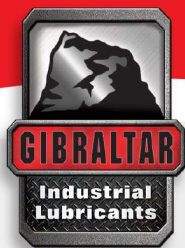
## Longlife Multigrade AW Hydraulic Fluids

**Gibraltar Longlife Multi-Vis HZ-1000 Series** are a premium line of anti-wear hydraulic fluids specially designed for modern high pressure hydraulic systems that offer optimum operation over a wide range of temperatures. Their synthetic blend formulations have high viscosity indexes and low pour points for use in extreme or varying temperatures where other hydraulic oils are unsuitable.

**Gibraltar Longlife Multi-Vis HZ-1000 Series** offer excellent shear stability, durable film strength and robust wear protection. They offer stay-in-grade performance for predictable system functionality and long service life. **Gibraltar Longlife Multi-Vis HZ-1000 Series** are especially suited to outdoor equipment such as excavators, cranes, and other hydraulic systems exposed temperature swings and stress.

**Gibraltar Longlife Multi-Vis HZ-1000 Series** fluids provide the following benefits:

- Wide operating temperature range
- Shear stable for stay-in-grade performance
- Excellent anti-wear protection
- Superior hydrolytic stability
- Rust and corrosion protection
- Excellent oxidation stability



## PRODUCT DATA SHEET

# DAVID WEBER OIL CO.

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

### SPECIFICATIONS, APPROVALS & RECOMMENDATIONS

AFNOR E-48-603 (HV)  
Denison HF-0, HF-2, HF-1  
DIN 51524, Part III, HVLP  
Fives Cincinnati P-68

ISO 11158 (L-HV)  
Lee-Norse 100-1  
US Steel 127, 136  
Vickers I-2863, M-2950-S

### TYPICAL PROPERTIES

ISO Grade	32	46	46
Specific Gravity, 15° C	0.865	0.871	0.889
Viscosity, cSt @ 40 °C	32.5	46.0	68
Viscosity, cSt @ 100 °C	6.1	8.45	10.5
Viscosity Index	141	162	142
Flash Point, COC, °C, max.	195	220	227
Pour Point, °C, min.	-40	-40	-37
Rust Test, A/B	Pass/Pass	Pass/Pass	Pass/Pass
Copper Corrosion	1A	1A	1A
Zn, ppm, min.	1000	1000	1000