



Gibraltar Longlife HZ-1000 Series

Premium Anti-Leak, Extended-Life Hydraulic Fluid

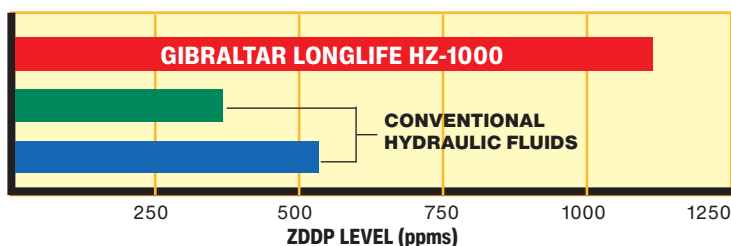
The Gibraltar Longlife HZ-1000 Series is a superior quality fluid specifically formulated to deliver outstanding trouble-free performance in mobile hydraulic applications such as trash hauling and construction equipment. It provides excellent protection for equipment operating in dirty environments full of the particulate and water contamination that can destroy hydraulic systems. It provides superior leak protection by conditioning and restoring brittle seals. It provides users with fluid life 4X longer than conventional fluids and wear protection far superior to other commercially available products.

Performance Benefits:

- Conditions Seals to Reduce Leakage
- Outstanding Oxidation Resistance
- Rapid Water Separation
- Excellent Wear Protection
- Improved Thermal Stability
- Hydrolytic Stability

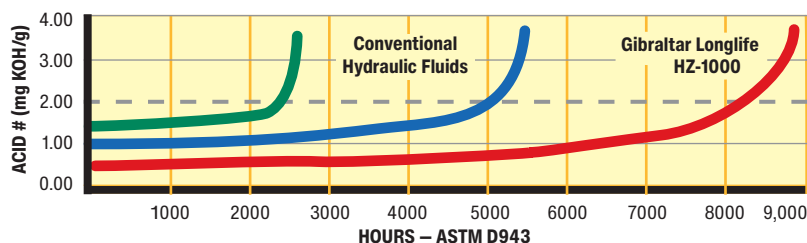
Enhanced Anti-Wear Protection

Zinc dialkyldithiophosphate or ZDDP is the zinc compound used to form a chemical barrier between metal surfaces to provide ultimate protection when the oil film is broken. Longlife HZ-1000 contains over 1000 ppm zinc, 2 to 3 times the levels in conventional hydraulic fluids. This will provide users with protection during moments of "shock loading" often encountered in trash hauling and construction applications.



Superior Oxidative Stability

The test most commonly used to measure the potential fluid life of hydraulic oils is called the Turbine Oil Stability Test, ASTM D943. Most conventional oils exhibit a TOST life of approximately 2500 hours versus Gibraltar Longlife which showed a result of **8,000+ hours**.



Anti-Leak Protection

Gibraltar Longlife is specially formulated to help prevent shrinking and hardening of hydraulic seals, and helps condition and restore brittle seals for superior leakage control.

Thermal Stability

Gibraltar Longlife provides users with thermal stability far beyond the capabilities of conventional fluids. This ensures a "sludge-free" system with no copper or steel component corrosion.



Water Contamination Handling

Gibraltar Longlife will separate rapidly and completely from water allowing for easy drainage to prevent component damage.

Hydrolytic Stability

Lesser quality anti-wear components can bind with water and break down causing filter plugging and other problems. Gibraltar Longlife is stable in the presence of water to give users enhanced protection in wet environments.

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DAVID WEBER OIL CO.

ISO 9001 Registered

Gibraltar Longlife HZ-1000 Series

Wear protection far superior to other commercially available products under harsh working conditions

- Superior Anti-Leak Protection
- Excellent Wear Protection
- Outstanding Oxidation Resistance
- Improved Thermal Stability
- Rapid Water Separation
- Hydrolytic Stability



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