



Product information

Hydraulic Oil Additive

Bardahl Hydraulic Oil Additive is a premium concentrated hydraulic oil additive package that exceeds all hydraulic pump manufacturer's anti-wear limits. When added to new hydraulic oil, it makes a new generation "**Super Hydraulic Oil**". When it is added to reconditioned hydraulic oils, it replaces the consumed chemical additives, resulting in a better than new condition.

Bardahl anti-wear Hydraulic Oil Additive is designed for use in high and low pressure hydraulic systems for both mobile and industrial applications. It will provide hydraulic oils with extra protection against friction and wear, foaming, corrosion and oxidation.

The problem

Hydraulic oils become contaminated with use and time. The anti-wear, anti-foam, rust and oxidation inhibitors become depleted. Simple filtration will give a bright, clean oil but will result in excessive metal wear due to the fact that the anti-wear additives have been greatly depleted and will have dropped to a level below minimum specifications. This additive depletion will result in excessive pump wear, increased maintenance costs, increased downtime and reduced efficiency.

The action

Bardahl Hydraulic Oil Additive Package enhances new oils and rejuvenates used but cleaned oils. In addition to the hydraulic additives, **Bardahl Hydraulic Oil Additive** contains a "polar attraction" formula that provides a full-time low friction molecular film under the most severe service applications. This unique blend of polar organic chemicals and extreme pressure agents bonds to metal surfaces and stands up under the pressure and temperatures of heavy hydraulic use. It contains a multi-functional corrosion inhibitor, which serves as a barrier against corrosion and an anti-oxidant to control deposits. It also has a special foam inhibitor to prevent the formation of foam and air bubbles which, if left unchecked, reduces the lubricant film and is a prime cause of cavitation and resultant pump wear.

The benefits

Bardahl Hydraulic Oil Additive when used at 5%* by volume addition will provide the performance characteristics to exceed major hydraulic equipment manufacturer and user requirements including:

- Sperry Vickers I-286-8, M-2950-S
- Denison HF-1, HF-2, HF-0
- Cincinnati Milacron P-68, P-69, P-70
- Lee-Norse 100-1
- Jeffery No. 87
- Ford M-6C32

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- U.S. Steel 136, 127
- BF Goodrich 0152
- General Motors LH-04-1, LH-06-1, LH-15-1

Bardahl Hydraulic Oil Additive will provide:

1. Outstanding Thermal and Oxidative Stability
2. Low Copper Activity
3. Superior Hydrolytic Stability
4. Excellent Rust Protection
5. Low Filter Blockage Tendency
6. Excellent Demulsibility
7. Good Anti-Foam Characteristics

Directions for use

For typical standard to heavy-duty applications add 5% **Bardahl Hydraulic Oil**

*best doses advice can be obtained after an oil analysis of current hydraulic oil

Article number 70355
Contents 5 litre

Article number 70382
Contents 25 litre

Article number 70386
Contents 60 litre