



MULTI-1 Hydrostatic & hydraulic treatment

DESCRIPTION

Multi-1 is a multifunctional hydraulic oil treatment package developed as an aftermarket additive for both high and low pressure hydraulic systems for industrial and mobile applications. It's designed to provide excellent performance in today's hydraulic oils. When added to hydraulic oils at recommended treat rates, Multi-1 exhibits durability and retention of performance that extends fluid and equipment life proven in a wide variety of industrial applications.

OEM design trends, along with end users operating practices, continue to drive modern hydraulic systems to perform under increasingly severe conditions. Greater thermal stability, enhanced wear protection, especially in wet environments, improved filterability and seal compatibility are all critical performance parameters factored into the design of Multi-1 aftermarket hydraulic additive package.

FEATURES/BENEFITS

Durability – Retains performance of hydraulic oils even after extended use, resulting in longer oil and equipment life.

Excellent hydrolytic stability – Protects equipment from corrosion when water is present as well as prevents deleterious additive breakdown.

Excellent wet and dry filterability – Reduces filter changes.

Outstanding thermal and oxidative stability – Reduces formation of sludge and acids, which can lead to unexpected downtime.

Very good demulsibility performance – Allows for quick separation of water, preventing poor lubrication and system rust.

Can be used in many types of hydraulic systems and hydraulic oils – Simplifies inventory.

The above information is true and precise to the best of our knowledge. All recommendations or suggestions are made without warranty since the circumstances and conditions are beyond our control.

For further information contact: **Lubri-Lab inc.** www.lubrilab.com info@lubrilab.com

1540 De Coulomb, Boucherville, QC, Canada J4B 8A3

Toll free CA & US: 1 888.449.1626. T. 450.449.1626. F +1 450 449-9174

ISO 9001. C-TPAT certified & validated



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Excellent rust protection – Extends equipment life, resulting in overall lower costs.

Low foaming – Reduces foaming tendencies thus preventing cavitation, inadequate lubrication and potential damage to pumps and valves.

Contains a synthetic seal swell additive- Re-hydrates and rejuvenates seals, preventing most hydraulic leaks.

Food approved standard H-2, CFIA No. :/L125 – Can be used in food plant on equipment and machine parts in locations where there is no possibility of contact.

Versatile and Flexible – Multi-1 has been tested in a wide range of hydraulic oils available globally, where it delivers excellent performance.

APPLICATIONS

Multi-1 is recommended in hydraulic systems, compressors and turbines used in the following industrial and mobile applications:

Construction, Forestry and Mining

Heavy-duty construction and forestry equipment and equipment used in mining operations must be able to consistently perform in harsh outdoor environments and within fluctuating temperature ranges. Varnish, contamination and changes to lubricant viscosity will eventually impair the performance of critical components, increasing downtime and maintenance costs.

Multi-1 is designed to provide hydraulic clean technology, which can first remove varnish from the hydraulic system and then keep it out, in order to obtain the longest possible service from hydraulic oil.

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Steel

In demanding steel mill environments, equipment must withstand rigorous use and high temperatures. As a result, hydraulic oils must be equally tough – able to prevent wear and corrosion and, in many cases, have fire-resistant properties.

Adding Multi-1 premium hydraulic oil additive will keep fluids clean, eliminating varnish build-up and other contaminants that hamper productivity. In addition, Multi-1 will ensure excellent hydrolytic stability, superior rust and corrosion protection and minimal increases in air entrainment.

Plastics

Plastic injection molding operations – run by large hydraulic systems – often suffer from high maintenance costs and downtime due to contaminants in the oil. The most likely cause is varnish build-up, which will impair the performance of critical components and affect system productivity.

Multi-1 offers synergetic additives that work together to improve injection molding operations. Multi-1 provides hydraulic clean technology, which first remove varnish from the hydraulic system and then keep it out. Using Multi-1, customers can remove existing varnish and contamination, and prevent further varnish accumulation. As a result, injection molders will benefit from increased productivity, extended fluid life and reduced valve replacement and association downtime.

General Manufacturing

Multi-1, a multifunctional hydraulic oil treatment package may be beneficial for a wide range of industrial applications. Adding Multi-1 to hydraulic oils, will keep fluids clean, eliminating varnish build-up and other contaminants that hamper productivity. In addition, Multi-1 will ensure excellent hydrolytic stability, superior rust and corrosion protection and minimal increases in air entrainment. Backed by decades of formulating experience and proven field performance, Lubri-lab's Multi-1 hydraulic fluid additive provides excellent overall performance in any plant environment.

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MEETS OR EXCEED THE REQUIREMENTS OF :

AFNOR NFE 48-603 SAUER-SUNSTRAND LEE NORSE 100-1 JEFFREY no87 DENISON HF-1 HF-2 HF-0	DIN 51524 Part 2 FORD M-6C32 B.F. GOODRICH US STEEL 127, 136 VICKERS 1-286-SM-2950-S DIELECTRIC STRENGTH (D877) 30.8kV
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DIRECTIONS

Add 5 to 10% of MULTI-1 to your hydraulic oil.
Add 3 to 5% of Multi-1 if the quantity of hydraulic oil is 5000 liters or more.

Food Grade Approved H-2 for food equipment by: Agriculture and Agri-Food Canada, Food Production and Inspection Branch. Avoid food contamination during application and storage.
File number: 3100-3/L125

Availability:

Case of 12 x 1 litre, 10 litres, 20 litres, 55 litres, 205 litres.
Case of 12 x 1 quart, 2.5 gallons, 5 gallons, 15 gallons, 55 gallons.

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