

DESCRIPTION

Longlife Universal Hydraulic Fluid is a premium lubricant for agricultural and industrial use. Made with paraffinic base oils and anti-wear additives, it excels in high-pressure hydraulic systems, including vane/piston pumps, NC machine tools, and general-purpose equipment. It protects against wear, corrosion, sludge, varnish, emulsification, and foaming, with excellent oxidation resistance, thermal stability, and viscosity retention. Enhanced with inhibitors and stabilizers, it ensures filterability and durability. Optimized for SAE 20 agricultural systems and lightly loaded equipment, it ensures smooth operation and long service life. Meeting industry standards, it boosts uptime, reliability, and equipment durability in tough conditions.

APPLICATIONS

Longlife Universal Hydraulic Fluid is designed for:

- Industrial gear and bearing sets requiring rust- and oxidation-inhibited fluids
- Agricultural systems needing SAE 20, ensuring reliable performance in hydraulic pumps and components
- Lightly loaded general-purpose equipment, providing smooth operation and extended service life in low-stress applications

ADVANTAGES & BENEFITS

- **Versatile High Performance:** Delivers exceptional performance across diverse applications with stable viscosity over wide temperature ranges for consistent efficiency.
- **Superior Wear Protection:** Advanced anti-wear additives form a durable film, minimizing metal-to-metal contact in vane/gear pumps, enhancing energy efficiency, and extending equipment life.
- **Thermal & Oxidation Stability:** Minimizes sludge and varnish, maintaining clean systems and reliable performance in demanding environments.
- **Enhanced Durability:** Excellent water separation, anti-foaming agents, and corrosion resistance reduce rust and air entrainment, prolonging component life.
- **Cost-Effective Solution:** Premium formulation with refined base oils and additives lowers operational costs, ideal for out-of-warranty equipment, leaky systems, and non-critical applications.
- **Robust Hydraulic Defense:** Protects hydraulic pumps and components, ensuring long-lasting performance and operational reliability.

HEALTH & SAFETY

This product is not anticipated to pose any adverse health risks when used as intended.

For additional details, refer to separate Safety Data Sheets, available upon request.


TECHNICAL DATA/TECHNICAL PROPERTIES

PROPERTIES	UNIVERSAL HYDRAULIC FLUID
Viscosity @ 100 cSt	8.36
Viscosity Index	140
Pour Point, °C(°F)	-33 (-28)
Flash Point, °C(°F)	>200 (392)
Product Code	LLUHF

*All properties are typical and may vary.

Always adhere to the manufacturer's guidelines for the correct equipment fluid. Lubchem Specialties is not liable for any misuse of the product or improper application.