



TECHNICAL DATA SHEET

SUPER LUBE® FIRE RESISTANT HYDRAULIC FLUID

March 2018

PRODUCT DESCRIPTION:

Super Lube® Fire Resistant Hydraulic Fluid is an HF-C type water-glycol fire resistant hydraulic fluid that fully meets the requirements of the 7<sup>th</sup> Luxembourg Report.

Super Lube® Fire Resistant Hydraulic Fluid provides excellent protection from rust and vapor phase corrosion. Even when sprayed at pressures over 200 bar / 3000 psi, it will not ignite. It has no flash point.

FEATURES:

- ❖ Outstanding fire resistance, has no flash point (when proper water content is maintained)

- ❖ Excellent lubricity and anti-wear performance
- ❖ Good low temperature fluidity
- ❖ High viscosity index

- ❖ Outstanding corrosion protection
- ❖ Good storage stability

TYPICAL APPLICATIONS:

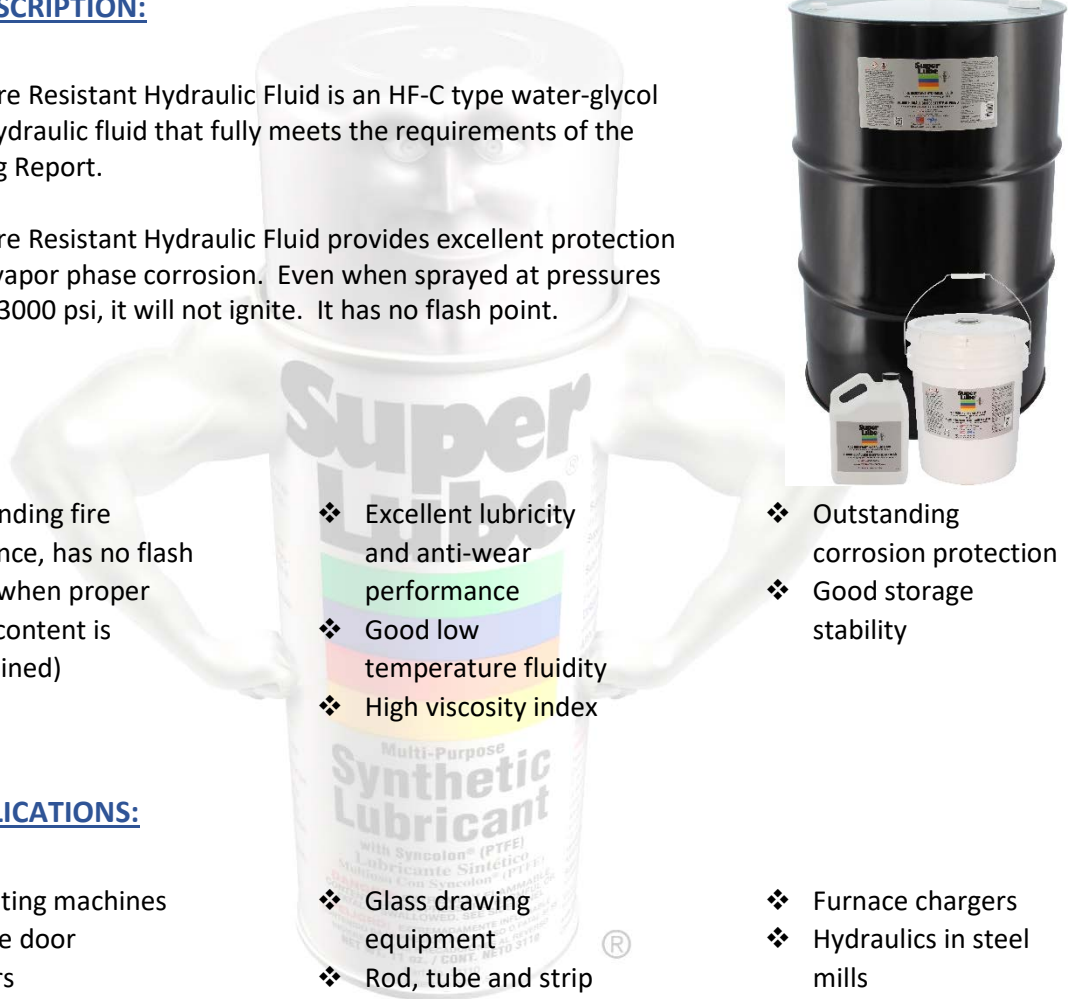
- ❖ Die casting machines
- ❖ Furnace door openers

- ❖ Glass drawing equipment
- ❖ Rod, tube and strip mills

- ❖ Furnace chargers
- ❖ Hydraulics in steel mills

PACKAGE SIZES:

| Part No. | Description     |
|----------|-----------------|
| 86010    | 1 gallon Bottle |
| 86050    | 5 gallon Pail   |
| 86055    | 55 gallon Drum  |





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PROPERTIES:

| Test                   | Test Method | Rating                        |
|------------------------|-------------|-------------------------------|
| Color:                 |             | Red                           |
| Temperature Range:     |             | -4°F to 140°F (-20°C to 60°C) |
| Viscosity index:       | ASTM D2270  | >200                          |
| Viscosity @ 100°F:     | ASTM D88    | 40 - 46 cSt                   |
| Pour point:            | ASTM D97    | -60°F (-51°C)                 |
| Water content:         | ASTM D1744  | 34 - 38%                      |
| Rust prevention:       | ASTM D665   | Pass A                        |
| Hydraulic group class: |             | Group 1 HF-C                  |

DIRECTIONS:

In service, water can be lost by evaporation and it must be periodically replaced to maintain the correct viscosity and optimum fire resistance. Use only condensate, distilled or deionized water.

See separate procedure for fluid maintenance and control of alkaline content.

SHELF LIFE / WARRANTY:

Super Lube® products have a five (5) year recommended shelf life when stored in the original container and in reasonable ambient conditions. The warranty period is twenty-four (24) months from the date of purchase. For complete information visit [www.super-lube.com/what-is-the-shelf-life-ezp-320.html](http://www.super-lube.com/what-is-the-shelf-life-ezp-320.html).



See Safety Data Sheet (SDS) for further details regarding safe use of this product.



Made in USA

The information provided in this Technical Data Sheet, including the recommendations for use and application of the product are based on our knowledge and experience of the product as of the date of this data sheet. The product can have a variety of different applications as well as differing application and working conditions in your environment that are beyond our control. Synco Chemical Corporation is, therefore not liable for the suitability of our product for the production processes and conditions in respect for which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product.

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