

# Sullube Compressor Fluid

FULL SHIFT FOR A YEAR

## The one-year fluid

Sullube is a reliable, extended-life synthetic fluid, specially formulated for use in rotary screw compressors. It is a synergistic blend of polyglycol, pentaerythritol ester and selected inhibitors (U.S. Patent 4302343), and contains no petroleum-based lubricants.

## Problem-free performance

Since Sullube is not petroleum-based, it is highly resistant to sludge and varnish formation. In fact, it has been shown to cut through and dissolve varnish buildup in older machines.

## Reduced maintenance costs

Because you can run Sullube continuously in your machine for one year, fluid-related labor and downtime costs are virtually eliminated during this time.

## Lower make-up rate

Some fluids require that you top-off regularly. But since Sullube has a lower inherent volatility, its carryover rate is lower than most other synthetic fluids. As a result, fluid make-up expenses can be kept at a minimum.

## Increased operating efficiency

Sullube non-petroleum-based fluid has the high oxidative stability necessary for extended life in rotary screw air compressors under a wide range of operating conditions.

Sullube meets the SAE 5W-20 classification. As a result, cold weather start-ups are easier with Sullube, and less energy is required to operate compressors. In addition, Sullube's combination of low viscosity and high thermal conductivity enhances heat transfer in operating compressors, enabling the units to run cooler with lower bearing temperatures.

On the other hand, with its high viscosity index, Sullube is equivalent to a 20-weight fluid at normal compressor operating temperatures—and is therefore an excellent fluid for warm climates.

## Inherently high viscosity index

Sullube requires no additives to achieve an initially acceptable viscosity/temperature profile. Since no supplemental viscosity improvers are needed, the fluid is shear stable.

As a result, Sullube does not exhibit the rapid and irreversible drop in viscosity during use that is characteristic of lubricants containing shear-unstable polymeric additives. In addition, Sullube provides an excellent film thickness for lubricating bearings and rotors without sacrificing low temperature properties needed for cold weather startup.

## Excellent compatibility

When compared with petroleum and diester-based fluids, Sullube offers improved elastomeric seal compatibility. Extensive laboratory testing with Sullube shows that most elastomeric seals do not suffer from the shrinkage commonly encountered when using petroleum lubricants; nor do they swell excessively, as is often the case when diester lubricants are used.

Sullube is compatible with a variety of paint and plastics formulations.

The addition of large amounts of petroleum-based oils to Sullube may result in separation of the mixture, but without the foaming that would result from mixing other types of fluids. Mixing of other fluids is not recommended.

## Measurable benefits

- High oxidative stability for long life.
- Resistant to sludge and varnish formation.
- The ability to dissolve residual hydrocarbon varnish to clean up old machines.
- High viscosity index for shear stability.
- Excellent elastomeric seal compatibility.
- Low volatility for low make-up rates.
- High flash point for greater safety.
- Higher thermal conductivity than other synthetics.
- Very high hydrolytic stability.
- Low toxicity.

## Biodegradable

Sullube has been shown to be biodegradable by EPA test method 796.3100, with 82% degradation in 28 days. For information on obtaining permits for condensate discharge to municipal sewage systems, contact your Sullair representative or Sullair distributor.

## Safe handling and disposal

Please consult the current Material Safety Data Sheet for detailed information on the toxicology, regulatory information, and safe handling of Sullube.

When disposing of Sullube, comply with applicable federal, state, and local regulations. Do not dump any lubricant including Sullube into sewers, on the ground, or into any body of water.

Warning—Sullube is not to be used in machines that produce breathing air.

## To order Sullube:

Container size	Part number
5 quart jug	250032-482
5 quart jug (4-pack)	250032-483
5 gallon pail	250022-669
55 gallon drum	250022-670



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