

# Sullair **HPL 1500** High Pressure Portable Compressor Fluid

Formulated to Optimize Performance in  
Severe Duty High Pressure Applications



**HPL 1500** combines these features for  
more cost-effective productivity:

- Best-in-Class 1500-hour change interval
- Resists sludge and varnish
- Extends maintenance intervals
- Starts faster
- Runs cooler
- Advanced anti-wear and corrosion protection
- Compatible with all high pressure portable compressors,  
350 psi and above

## Growing needs lead to advanced formula lubricants

As the performance capabilities of rotary screw portable compressors continue to extend their versatility, so do the demands of those users who rely on them daily for better service and reliability. Now, more than ever, portable compressors that were once limited by weather, maintenance or service restrictions are now capable of performing to higher standards and expectations.

Many of today's improvements in compressor performance are attributed to the advanced lubricating fluids that are now used to operate and maintain them. Among these is HPL 1500, an advance formulated compressor lubricant that combines specific synthetic hydrocarbon fluids with additives that assures exceptional resistance to oxidation and thermal degradation. HPL 1500 is specially suited for high pressure rotary screw portable compressors used in rigorous applications such as drilling and pipeline service. High compression temperatures and extended fluid change intervals are becoming the rule, not just a preference.

## Uniquely formulated for the most demanding needs

Sullair HPL 1500 is a multi-viscosity, highly refined synthetic hydrocarbon fluid, formulated to allow easier cold weather starting and faster warm-up, while providing exceptional lubrication in extreme hot or cold service. HPL 1500 is designed to operate in temperatures from -20°F to 125°F.

HPL 1500 provides excellent wear protection and exceptional resistance to fluid oxidation and thermal degradation. Its high viscosity index ensures effective lubrication, especially for the increased temperature demands of high pressure applications.

## Controls sludge and varnish build up

HPL 1500 provides exceptional wear protection and resistance to oxidation and thermal degradation. This unique formula helps extend fluid life by providing outstanding resistance to sludge and varnish formation that can coat and restrict oil coolers, separators and filters. HPL 1500 helps reduce maintenance and equipment downtime by minimizing equipment problems and potential downstream deposits that could reduce performance and service life.

## Starts faster

While most conventional rotary screw portable compressor fluids become thick as ambient temperatures drop, HPL 1500 is a multi-viscosity fluid, designed to allow easier cold weather starting and warm-up, and provide exceptional lubrication during hot, cold and damp weather or rigorous service.

## Runs cooler

Because of its high viscosity index, HPL 1500 always provides effective lubrication at high temperatures.

## Longer service life

Based on its above average viscosity stability and resistance to oxidation, HPL 1500 has proven to last substantially longer than conventional fluids. In fact, extensive field testing has

shown that HPL 1500's service life is 1,500 hours without a fluid change. Compressors with HPL 1500 provide substantial cost benefits by reducing downtime and maintenance costs.

## Sullair, where project specific lubricants are a tradition

At Sullair, specific application lubricants are a tradition, and their benefits are the cornerstone of our long-standing commitment to excellence.

## Typical Properties of HPL 1500

Test	Result
SAE Viscosity Grade	5W-20
Viscosity @ 100°C cSt	8.90
Viscosity @ 40°C cSt	48.7
Viscosity index	165
Pour point	-60°C
Flash point	450°F
Cold Cranking Viscosity@-25°C	2500

## Compatible with any high pressure portable compressors, 350 psi and above

HPL 1500 may be used in all high pressure portable compressors made by any manufacturer from 350 psi and above.

## HPL 1500 and the Sullair air end warranty

Sullair's new high pressure compressors are factory filled with HPL 1500. When HPL 1500 is used continuously in a Sullair portable compressor, the Sullair air end is warranted for 5-years or 10,000-hours, whichever occurs first. Sullair HPL 1500 and genuine Sullair filters are to be used according to Sullair's recommendations.

Fundamental to Sullair's leadership is a dedication to reduce not only the amount of natural resources consumed to create energy, but to minimize environmental impact, in both the manufacture and use of all our products. We are constantly exploring new ideas and seeking new technologies to meet the ever-increasing need for high quality, energy-efficient compressed air products and environmental sustainability.



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