



COMPRESSOR OILS

World class lubrication solutions

- ✓ Compressed air has become a major form of energy and the reliable generation is critical to many manufacturing facilities; without it, production could cease.
- ✓ Reliable air compression is therefore essential to the profitability of an organisation and proper lubrication is the key to maintaining the high performance of compressors. The oil can be viewed as the “lifeblood” of the machine.
- ✓ To work effectively, compressor oil is required to perform a number of functions including cooling the compressed air, bearing lubrication, rust protection, foam resistance and anti-wear performance.
- ✓ It’s a simple fact; poor quality compressor oil will reduce the life of the compressor. A low value compressor oil may offer high performance features, but the reality is shorter drain intervals, especially under difficult working conditions, shorter component life, increased downtime and unscheduled maintenance costs for user.
- ✓ Low value lubricating oil is a false economy!
- ✓ Unlike other lubricating oils, air compressor oils have no governing organisation (engine oils have API specifications for instance), so no official performance standards exist. Many users re-assure themselves in purchasing the own brand oil of the compressor manufacturer.
- ✓ These oils, generally of high quality, do not necessarily have the best performance characteristics available at the present time and manufacturers may wish to seek out the experience of the individual lubricant manufacturers in selecting the most appropriate oil for their compressors.
- ✓ FUCHS LUBRICANTS (UK) PLC is a specialist manufacturer of compressor oils and has developed and manufactured lubricants for leading OEMs for many years.



	Vane Type Compressors	Screw Type Compressors
Standard Oil	RENOLIN AC	RENOLIN AC
OEM Quality Oil	RENOLIN AC 2000V	RENOLIN AC 4000S



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RENOLIN compressor oils have been carefully formulated to meet the increased demands placed upon the service life of traditional compressor oils and enable interruption-free operation to be possible. The products help to diminish deposits, keep machinery clean, enhance equipment life and improve efficiency.

The **RENOLIN COOL PLUS** range is recommended for use in flooded or oil injection screw type compressors. They are particularly suitable where mineral oil based alternatives are found to display insufficient thermal stability (resistance to ageing) or poor viscosity / temperature behaviour.

Manufactured from unique semi-synthetic base oils and an advanced combination of additives, the **RENOLIN COOL PLUS** range has been proven in compressors, at leading manufacturers, to offer 2-3 times the life of conventional fluids in equivalent conditions (5000 - 6000 hours).

The range offers improved performance levels in all areas, including corrosion protection, demulsification properties and oxidation stability, providing extended compressor life and trouble free maintenance.

Viscosities available: ISO VG 46

For the ultimate performance, the **RENOLIN UNISYN OL** range of lubricants has been developed for use in both screw type and vane compressors.

Formulated using synthetic Polyalphaolefin (PAO) base oils, the **RENOLIN UNISYN OL** range displays 'best in class' performance criteria of all compressor lubricants currently available. They ensure that an optimal lubricating film is always formed, even at high loads and after long periods of use, and the typical service life of **RENOLIN UNISYN OL** lubricants are 8000 hours.

Compared to conventional fluids, **RENOLIN UNISYN OL** offers many benefits including a lower co-efficient of friction, providing users with reductions in energy requirements, low evaporation losses to reduce consumption and improved component protection to lower overall costs for compressor maintenance.

Viscosities available: ISO VG 32, 46, 68, 100 & 150



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