



# QUADRA-COOLANT

NEXT GENERATION PAG AIR COMPRESSOR LUBRICANT

## CS-8000

SUPERIOR PROTECTION 8000 HOUR LUBRICANT

### FORMULATED FOR EXTREME CONDITIONS



### Benefits Of Quadra-Coolant

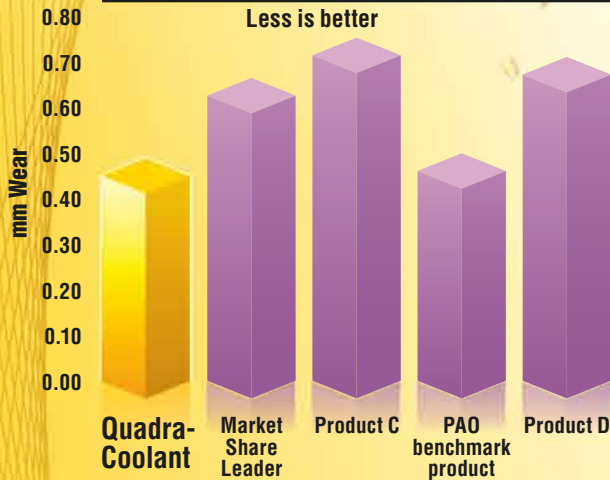
- Non-Varnishing
- Reduced Energy Costs
- Superior Lubricity
- Optimal Heat Transfer Properties



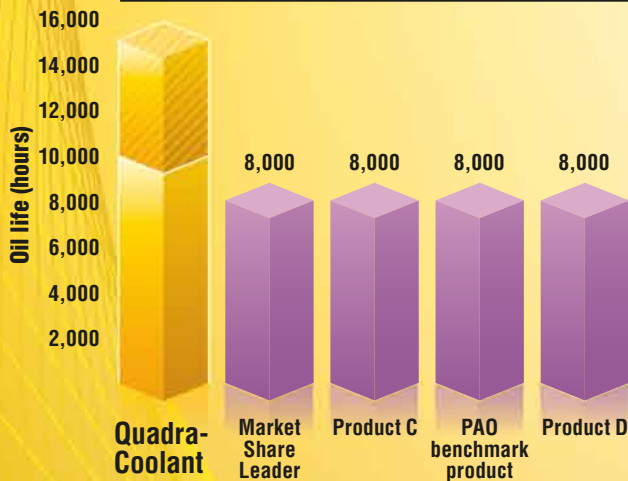
# QUADRA-COOLANT

## NEXT GENERATION PAG AIR COMPRESSOR LUBRICANT

### Compressor Wear



### Oil life (hours)



Polyalkylene Glycol (PAG) based fluid technology was introduced to the air compressor industry by leading compressor manufacturers in the 1980s. 30 years later, many advancements have been made. ICP has now introduced the NEXT GENERATION of PAG lubricants with the introduction of Quadra-Coolant.

PAG's blended with esters provide for high performance compressor coolants with extended life for discharge temperatures up to 110°C. PAG's are excellent lubricants because of their high viscosity index and affinity to metal surfaces and having outstanding cooling properties and hydrolytic stability. These coolants have very good oxidative stability, low volatility and a low tendency for varnish and deposit formation. Esters are added to improve wettability to metal. The ester also improves elastomer compatibility and additive solubility. PAG's are not compatible with mineral oil and PAO.

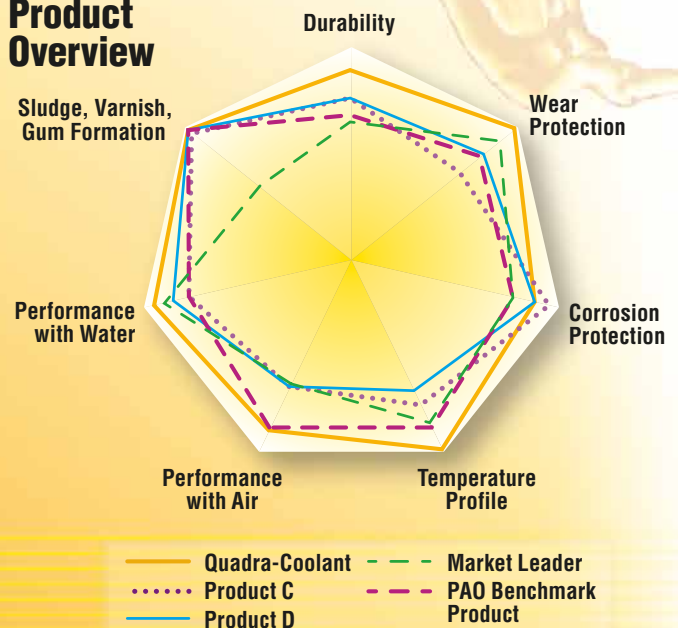
Unlike other lubricants, both mineral and synthetic, Quadra-Coolant performs outstanding in both cold and hot environments.

Quadra-Coolant is not only varnish free but will also dissolve varnish from other lesser quality lubricants. This will extend the life of your compressor and add reliability. Without the added resistance caused by varnish your compressor will run cooler and save energy.

Quadra-Coolant provides extremely long life, at least 8 to 10 times as long as mineral oils. It has 20% to 50% longer life of other synthetic lubricants. This saves you both in the cost of the lubricant and in disposal costs.

**Quadra-Coolant meets or exceeds all OEM quality standards.**

### Product Overview



# CS-8000

## SUPERIOR PROTECTION 8000 HOUR LUBRICANT

CS-8000 is premium air compressor oil, capable of giving the best available performance in any oil-flooded air compressor of screw or vane type. Based on selected synthetic base fluids CS-8000 provides long oil life and effective lubrication in machines working in extremes of temperature and working conditions.

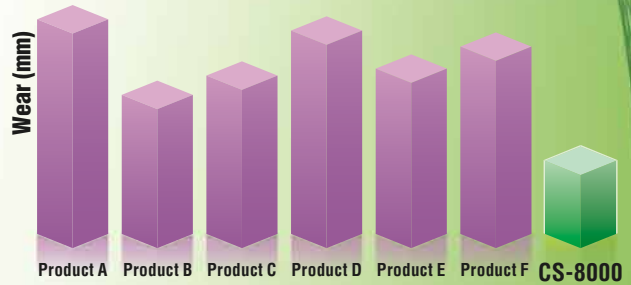
CS-8000 is designed for use in rotary vane and screw air compressors, oil flooded single and two-stage compressors, in particular those operating with higher output pressures of up to 20 bar and with air discharge temperatures higher than 100 °C (including intermittent operation under these conditions). CS-8000 is suitable for the equipment running under severe conditions. May also be used where exceptionally high ambient temperatures are found, when the oil temperature cannot be reduced to normal levels.

### Features and Benefits:

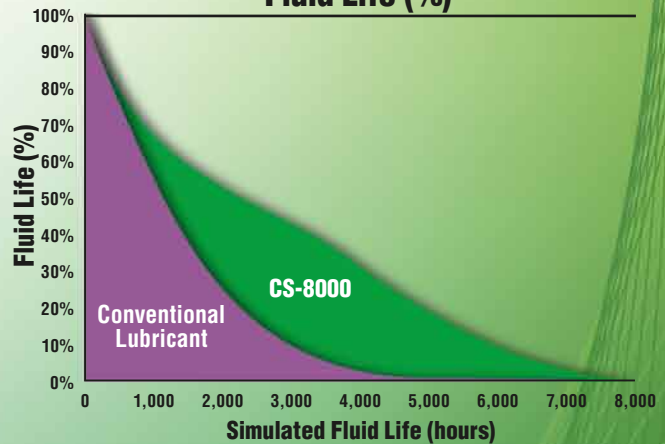
- Extended oil drain intervals, oil drain intervals can be exceeded 8000 hours under normal operation conditions
- Excellent oxidation stability, resist the formation of carbon deposits and the formation of sludge
- Very good rust and wear protection
- Very low pour point
- Very good surface properties, result in a low foaming tendency and good demulsibility properties
- Miscibility, fully miscible with mineral oils
- Seal compatibility, compatible with all sealing materials, NBR, FKM, EPM

### Compressor Wear

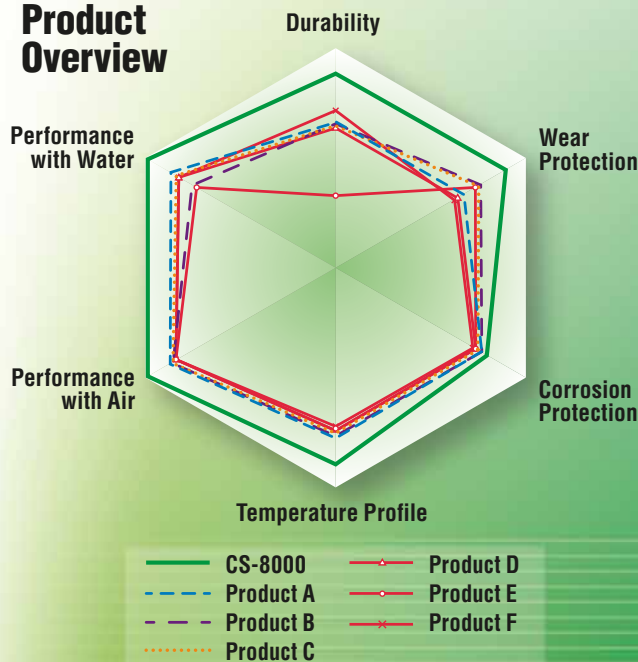
Less is better



### Fluid Life (%)



### Product Overview



## Independent Compressor Partners

ICP is a partnership formed from a group of compressed air distributors, collectively representing hundreds of years of experience. Our mission is to continually improve our businesses and the value that we bring to our customers and our markets.

The partnership, thru alliances with key suppliers, **“Manufactures World Class Compressed Air Products”** built on our combined experience. These products offer the best long term performance and efficiency, backed by the finest warranties available. Our replacement parts and fluids are designed to meet or exceed the OEM quality levels for all compressor brands.

Our goal is to build long term customer and supplier relationships based on providing the highest level of system knowledge and design, offering products designed for long life in harsh environments, low pressure drop and high efficiency. We couple that with the highest levels of aftermarket support and products to provide the greatest long term customer value.

*ICP lubricants meet or exceed OEM requirements for all types of oil flooded single and two-stage rotary screw air compressors.*



## Independent Compressor Partners

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