

# Compressor Oils



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[www.beesleyfuels.co.uk](http://www.beesleyfuels.co.uk)



# Compressor Oils

Our compressor oil range is blended from superior quality base oils, enabling prolonged service life due to their excellent oxidation resistance and enhanced protection against corrosion. Suitable for use in rotary screw and vane and compressors, ISO grade 100 also finds applications in vacuum pumps.

## Food Grade Compressor Oils

Beesley Compressor Oil FG 46 is a high-quality synthetic oil approved for use where incidental food contact may occur. The product is ideal for use in all types of compressors used in the food, drink and pharmaceutical industries.

### Features

- High thermal, hydrolytic and oxidative stability
- Good resistance to sludge and varnish formation
- Low friction coefficient, high film strength, good load carrying and anti-wear properties
- Good heat transfer properties
- Low volatility fluid
- Low pour point and high viscosity index

### Benefits

- Extends operating life and drain intervals
- Minimise deposit formation and maintains system cleanliness
- Protects against metal to metal contact and reduces component wear
- Efficient cooling
- Reduced lubricant carries over and minimal fluid ‘top up’
- Wide range of ambient operating conditions

## Synthetic Compressor Oils

Beesley Compressor Oil PGE 32 & 46 are high quality synthetic fluids based on polyalkylene glycol and polyol-ester combined with ashless, high-performance and multifunctional additives. They are designed for use in rotary screw air compressors, where the severe stresses and temperature conditions limits the use of more conventional petroleum-derived lubricants.

### Features

- Very high thermal, hydrolytic and oxidative stability
- Excellent resistance to sludge and varnish formation
- Exceptional film strength, load carrying and anti-wear properties
- Good heat transfer properties
- Low volatility fluid  
Low pour point and high viscosity index
- Wide range of polymer compatibility
- Suitable for Ingersoll-Rand Centac Centrifugal Compressors

### Benefits

- Greatly extended operating life and drain intervals
- Elimination of deposit formation and maintained system cleanliness
- Protection against metal to metal contact, reducing component wear
- Efficient cooling
- Reduced lubricant carries over and minimal fluid ‘top up’
- Wide range of ambient operating conditions
- Suitable for use with most commonly used elastomer seals

Meets the requirements of:



DIN 51506 (VDL)



GM LJ-03/04/06/10-1-97

ISO VG	15	22	27	32	46	68	100	150
Specific Gravity 15°C	0.860	0.862	0.861	0.860	0.869	0.878	0.890	0.895
Kinematic Viscosity 40°C	16.2cSt	21cSt	27cSt	32cSt	46cSt	68cSt	100cSt	150cSt
Kinematic Viscosity 100°C	3.4cSt	41.5cSt	4.95cSt	5.3cSt	7.0cSt	8.8cSt	11.2cSt	15.1cSt
Viscosity Index	78	97	108	115	108	101	97	97
Flash Point °C	180	214	205	214	230	240	240	245
Pour Point °C	-15	-9	-13	-15	-13	-11	-9	-9



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