

Premium Synthetic Food Grade Compressor Fluids (ISO 32, 46, 68, 100, 150)
NSF H1 Listed & ISO 21469 Certified Lubricant



Product Description

Anglomoil SFG Compressor Fluids are made from synthetic hydrocarbons (PAO) and special additive packages and are **NFS H-1** listed for use where incidental food contact can occur. They are also **ISO 21469 Certified Lubricants**, (ISO 21469—Safety of Machinery—Lubricants with Incidental Product Contact—Hygiene Requirements).

They are specifically recommended for use in rotary compressors where incidental food contact may occur with oil in the discharge air

Product Features & Benefits

The oil in a compressor operates at high temperatures (in the vicinity of 100°C) for long periods. It must possess high resistance to oxidation.

Air always contains moisture. The oil must resist emulsification with the water.

Where high metal pressures are encountered, the oil must protect against scuffing and wear.

The continuing trend towards higher Compressor system pressures is accompanied by a reduction in pump and equipment sizes. Some modern Compressor system pressures can exceed 7MPa.

Compressor oil must, therefore, lubricate, seal and cool the working components under increasing pressure, turbulence and temperature.

Anglomoil SFG Compressor oils are blended from synthetic Poly Alpha Olefin and additives which provide a high viscosity index, a low pour point, low foaming and chemical stability under a wide range of operating conditions.

Synthetic Durability

Anglomoil SFG Compressor oils will provide a far longer service life than most mineral based lubricants.

1. Excellent thermal and oxidation stability to reduce oxidation and the formation of acids and sludge particularly at high temperatures that could result in costly system cleaning.
2. Excellent rust protection giving cleaner oil, lasting longer, reducing wear and any filter blockages.
3. Reduced maintenance associated with wear and mineral oil deposits
4. Extended equipment life
5. Compatible with mineral oils and most synthetic oils
6. Reduced varnish lacquering and deposits
7. Greatly reduced fire and explosion hazard
8. High viscosity index for improved system performance
9. Available in ISO 32, 46, 68, 100 and 150 viscosity grades
10. Meets all requirements of FDA Regulation 21 CFR 178.3750

Compatibility

Anglomoil PAO lubricants are similar to mineral oils in their compatibility with paints, seals, gaskets and hoses. No special precautions related to compatibility are required when changing over from a mineral oil lubricant to an Anglomoil synthetic hydrocarbon-based lubricant.

SFG Compressor Oils							Indicative Properties		
Product Name	NSF Registration	Base Fluid	ISO Grade	Viscosity cSt		Viscosity Index	Spec. Gravity @ 15.6°C	Flash Point °C	Pour Point °C
				40 C	100 C				
SFG Compressor 32	145933	PAO	32	31	5.7	142	0.83	240	-55
SFG Compressor 46	132400	PAO	46	46	7.7	144	0.83	250	-55
SFG Compressor 68	132399	PAO	68	63	9.7	136	0.84	250	-45
SFG Compressor 100	145934	PAO	100	94.5	12.5	127.7	.854	250	-45
SFG Compressor 150	145935	PAO	150	150.3	17.2	124.5	0.853	250	-45

Anglomoil Superior Lubricants

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