



## 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 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

## 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.

## Typical Characteristics

	ISO 32	ISO 46	ISO 68	ISO 100	ISO 150
NSF Registration	145933	132400	132399	145934	145935
SG@20° C	0.83	0.83	0.84	0.854	0.853
Viscosity @ 40°C, cSt	31	46	63	94.5	150.5
Viscosity @ 100°C, cSt	5.7	7.7	9.7	12.5	17.2
Viscosity Index	142	144	136	127.7	124.5
Flash Point °C	240	250	250	250	250
Pour Point °C	-55	-55	-45	045	-45