

SYN P1000 Series

Description

TACBECON SYN P1000 series of compressor oils is formulated with specially developed additives and synthetic hydrocarbon (PAO).

Equipment will require lesser oil change, thus minimising waste oil disposal. The synthetic oil reduces formation of carbon deposits at high temperature for cleaner operation.

It also greatly reduces fire and explosion hazards due to a higher flash point compared to conventional mineral based compressor lubricants.

Applications

TACBECON SYN P1000 series works well in oil-flooded rotary screw, rotary vane, sliding vane, reciprocating and centrifugal compressors.

It is also suitable for vacuum pumps and applications that require oxidation-resistant lubricants.

Compatibility

TACBECON SYN P1000 series will not have compatibility issues with paints, seals, gaskets and hoses.

Product Features

- Full synthetic hydrocarbon compressor oil
- Excellent oxidation stability and anti-wear property
- Extended oil drain interval
- Good compatibility with mineral oils, elastomers and plastics

Cautions

- Do not mix with other lubricants (unless stated)
- Fill oil to required level
- Handle hot oil with care
- Drain used oil completely during lubricant change
- For oil conversion, refer to guidelines in changing of compressor lubricants.

Packaging Size

18-litres Pail
208-litres Drum

Typical Property	Test Method	SYN					
		P1032	P1046	P1068	P1100	P1150	P1220
ISO viscosity grade	ISO 3448	32	46	68	100	150	220
Oil viscosity @40°C,cSt	ASTM D 445	31.0	44.1	63.8	100	148	220
Oil viscosity @100°C,cSt	ASTM D 445	5.9	7.7	9.6	13.4	17.8	32.9
Viscosity index	ASTM D 2270	135	145	133	134	133	195
Pour point, °C	ASTM D 97	-63	-42	-48	-40	-39	-27
Flash point, °C min	ASTM D 92	250	250	275	275	280	240
Copper corrosion, 24hrs@ 100°C	ASTM D 130	1a	1a	1a	1a	1a	1a
Evaporation loss 22hrs@ 100°C, %wt.	ASTM D 972	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Fourball wear scar, mm	ASTM D 4172	0.6	0.6	0.5	0.6	0.5	0.35
Specific gravity @15.6°C	ASTM D 4052	0.84	0.84	0.86	0.84	0.88	1.00

The product properties are typical of those obtained with normal production tolerances and do not constitute a specification. The information contained herein is subject to change without notification. Before using any chemical, please read its label and Material Safety Data Sheet.