

# PG FSC46

## Description

TACBECON PG FSC46 compressor oil is a blend of polyglycol (PAG) and polyolester (POE).

It is specifically formulated to operate at high pressure and discharge temperatures with low coefficient of friction and non-varnishing effects.

With a high viscosity index, the lubricant is capable of operating in a wide temperature range, and has excellent thermo-oxidative stability.

## Applications

TACBECON PG FSC46 is specially used in oil-flooded rotary screw compressors for extended periods.

## Compatibility

TACBECON PG FSC46 is compatible with the following materials:

- Viton®, High Nitrile Buna N, Teflon®
- Epoxy paints, Oil resistant Alkyd
- Nylon®, Delrin®, Celron®, PBT

## 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

## Product Features

- Full synthetic compressor oil
- Wide operating temperatures
- Non-carbonising and no deposits
- Exhibits excellent lubricity
- High viscosity index
- Excellent oxidation and thermal stability

## Packaging Size

18-litres Pail  
208-litres Drum

Typical Property	Test Method	Test Result
ISO viscosity grade	ISO 3448	46
Oil viscosity @40°C, cSt	ASTM D 445	46
Oil viscosity @100°C, cSt	ASTM D 445	9.0
Viscosity index	ASTM D 2270	175
Specific gravity @15.6°C	ASTM D 4052	1.05
Flash point, °C min	ASTM D 92	295
Pour point, °C	ASTM D 97	-60
Copper corrosion,24hrs@100°C	ASTM D 130	1b
Fourball wear scar, mm	ASTM D 4172	0.5
Foam test seq. I, (initial/final) mℓ	ASTM D 892	0/0

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.