

# 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.