

## Synthetic Rotary Compressor Lubricant

### Description

The DAYAN AIRCOL PS 100 is an olephine based lubricant designed for use in rotary screw compressors high technology additives mechanism used in this lubricant formulation. lead to high component protection against wear and oxidation.

### Features and benefits

- Excellent compatibility with seals
- Very low deposit forming tendency, extends service life of filters and separators.
- Excellent wear protection
- Outstanding thermal and oxidation stability

### Applications

- Oil flooded rotary screw compressors operating under extreme climatic conditions, harsh environments and severe operating conditions where very high air discharge temperatures (> 100°C) are experienced.

### Specification

- DIN 51506 classification - VDL
- ISO 6743/3 - DAG, DAH and DAJ for rotary air compressors

### Product and environmental safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

The DAYAN trademark is registered and protected in Iran.

## Technical Data

| Test                          | Units              | Method     | AIRCOL PS 100    |
|-------------------------------|--------------------|------------|------------------|
| ISO Viscosity Grade           | -                  | -          | 100              |
| Refrigeration Oil group       | -                  | DIN 51503  | HFC,HCFC,HFO0.96 |
| Kinematic Viscosity at 40 °C  | mm <sup>2</sup> /s | ASTM D445  | 100              |
| Kinematic Viscosity at 100 °C | mm <sup>2</sup> /s | ASTM D445  | 15.2             |
| Viscosity Index               | -                  | ASTM D2270 | 160              |
| Density at 15 °C              | Kg/m <sup>3</sup>  | ASTM D2270 | 0.84             |
| Flash point ( COC )           | °C                 | ASTM D92   | 250              |
| Fire Point ( COC )            | °C                 | ASTM D92   | 255              |
| Pour Point                    | °C                 | ASTM D5985 | -48              |

Note:

1- The Typical characteristics are given as a guide only and may vary according to latest production according to ISO.