



## Raysun Ariel PGE

### High Performance Synthetic Air Compressor Coolant

Raysun Ariel PGE series are advanced fully synthetic compressor coolant developed for use in rotary compressors of screw or vane design, reciprocating compressors and centrifugal compressors. The blended of polyalkylene glycol and ester in combination with advanced additives provides effective lubrication of equipment working in extreme temperatures and severe operating conditions. These oils are specially designed to provide .excellent thermo-oxidative stability and wear protection

#### Advantages

- Excellent cooling with lubrication properties for use in applications where superior performances critical
- .Less varnish formation, valve sticking and deposit free, provide greater equipment reliability
- Extra high viscosity index coupled with excellent low temperature fluidity makes these oils suitable for use in wide operating temperature range
- Zinc-free formulation ensures excellent filterability by minimizing oil filter blockage in wet condition
- Excellent low volatility characteristics give low oil consumption and reduced top-up rates
- Improved surface properties result in very good anti-foaming and air release properties
- Formulated with biodegradable synthetic base stocks and specially selected additives
- Excellent protection against rust and corrosion

#### Applications

- Raysun Ariel PGE series are designed for Single or multiple stage rotary screw or vane compressors

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| ISO Viscosity Grades |       |       |       | ASTM Method | Specification                           |
|----------------------|-------|-------|-------|-------------|-----------------------------------------|
| 100                  | 68    | 46    | 32    |             |                                         |
| 0.991                | 0.991 | 0.991 | 0.991 | D 1298      | Density @ 15°C, kg/l                    |
| 100                  | 68    | 46    | 32    | D 445       | Viscosity @ 40 °C, cSt.                 |
| 186                  | 180   | 176   | 170   | D 2270      | Viscosity Index                         |
| 246                  | 244   | 244   | 248   | D 92        | Flash Point, °C                         |
| -39                  | -42   | -45   | -48   | D 97        | Pour Point, °C                          |
| Pass                 | Pass  | Pass  | Pass  | D 665 A     | Rust Test                               |
| 1a                   | 1a    | 1a    | 1a    | D 130       | Copper Strip Corrosion,<br>3hrs@ 100 °C |

Note: "All of the results are typical and the results of each batch are presented in the COA sheet."