



## Raysun Nepton GS

### Advanced Synthetic Hydrocarbon Process Gas Compressor Lubricant

Raysun Nepton GS Series are high performance compressor oils specially designed for hydrocarbon process gas compressors. These products based on special synthetic polyglycols to give negligible solubility in hydrocarbon chemical gases, propane, butane, natural gases with a height amount of methane and ethane. This function which .improves the formation of a stable lubricating film and compressor efficiency and reduced foaming

#### Advantages

- Exceptional protection against wear, corrosion and rust
- Decreased hydrocarbon gas solubility, reducing maintenance and downtime costs
- Enhanced energy saving
- High viscosity index that provides stronger lubricant film over a wide range of temperatures
- Excellent low temperature properties so, smooth start-up in cold climates

.Note: Polyglycols are not miscible and compatible with standard mineral oil-based lubricants

#### Applications

- Recommended for flooded rotary screw compressors
- Suitable for use in vacuum pump and centrifugal compressors



## Raysun Nepton GS

| ISO Viscosity Grades |       |       |      | ASTM Method | Specification           |
|----------------------|-------|-------|------|-------------|-------------------------|
| 220                  | 150   | 100   | 68   |             |                         |
| 1.126                | 1.125 | 1.123 | 1.12 | D 1298      | Density @ 15°C, kg/l    |
| 220                  | 150   | 100   | 68   | D 445       | Viscosity @ 40 °C, cSt. |
| 174                  | 172   | 170   | 170  | D 2270      | Viscosity Index         |
| 194                  | 192   | 186   | 184  | D 92        | Flash Point, °C         |
| -27                  | -30   | -48   | -51  | D 97        | Pour Point, °C          |
| Pass                 | Pass  | Pass  | Pass | D665A       | Rust Test               |
| 1a                   | 1a    | 1a    | 1a   | D130        | Copper Strip Corrosion  |

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