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# Product Data Sheet



**NOTE:** The information in this publication is the result of careful testing in our laboratories, complemented by selected literature. It does not in any way constitute a guarantee, nor does it serve as a license to operate a patent. Due to widely varying conditions of product use, which are beyond our control, it is strongly recommended that the product be tested for suitability. Product typical properties in this publication are current as of January 15, 2007.

## SYNTHETIC STATIONARY GAS TURBINE OIL

### JTO-25 MIL-PRF-23699 Class STD

*Summit JTO-25 is a lubricating oil with a viscosity of 5 cSt at 100°C cSt designed for use in gas turbine engines in stationary industrial applications. It has excellent resistance to foaming and has superior lubricity. Summit JTO-25 has logged over 7.5 million hours operation in stationary gas turbines since 1986.*

*Summit JTO-25 is validated for use on the following stationary engines:*

**General Electric** All marks of LM turbines(from LM 500 to LM 6000)

**Allison** Allison 501K

**Rolls-Royce** All marks of RB 211 & AVON, Olympus, Tyne, Spey for Industrial & Marine applications

**Solar** Specification ES 9-224

### Physical Properties

| JTO-25                | Units              | Values       |
|-----------------------|--------------------|--------------|
| Appearance            | -                  | clear liquid |
| Density at 20°C       | kg/dm <sup>3</sup> | 0.994        |
| Kinematic viscosity @ | mm <sup>2</sup> /s |              |
| 100°C                 |                    | 5.15         |
| 40°C                  |                    | 25.8         |
| -40°C                 |                    | 10000        |
| Flash Point, COC      | °C                 | 273          |
| Pour Point, COC       | °C                 | -57          |
| Acid Number           | mg KOH/g           | 0.27         |

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