

PRODUCT SPECIFICATION SHEET



Phone: 03 8369 9900

Fax: 03 8369 9901

Email: enquiries@chemlube.com.au

Web: www.chemlube.com.au

Silicone Oil 350

Silicone Oil 350 is a specially processed lubricant, specifically designed for use in the production, movement, and processes that involve the use of specialty gases such as oxygen, carbon dioxide, nitrogen and argon. It is a hydrophobic and inert fluoro-synthetic based oil. Silicone Oil 350 is especially important where heat and pressure are unavoidable characteristics of the application. A service temperature of -50°C to $+300^{\circ}\text{C}$ is a conservative expectation of this product.

Silicone Oil 350 will repel water, remain unaffected in humid and moisture present environments, it will prevent oxidization of machine components in which it operates and will not mix with gases it comes into contact with. Silicone Oil 350 will not effect seals or O-rings and will not foam.

Typical applications for Silicone Oil 350 include lubrication of gas production machinery, valves on tankers, bottles and cylinders, compressors, taps and closures. *Note: this product is not compatible with aluminum or related alloys.*

Typical Characteristics:

Viscosity at 25°C cst (approx)	350
Specific Gravity at 25°C (approx)	0.97
Flash point, (approx)	> 300
Freezing Point $^{\circ}\text{C}$ (approx)	-55
Surface Tension at 25°C - dynes/cm (approx)	21.1
- newtons/m (approx)	209.10-2
Thermal Conductivity - watts/ m°C (approx)	0.16
Dielectric Strength at 25°C , kv/mm (approx)	6
Permittivity at 25°C - ohms.cm (approx)	1.1015

Pack Sizes: 20 litre

Conditions of Sale: Chem Pack Pty Ltd shall not be liable for any loss, injury, damage or death, whether consequential or otherwise whatsoever or howsoever arising whether through negligence or otherwise in connection with the sales, supply, use or application of this product. The supply of this product is on the express condition that the purchaser does not rely on Chem Pack's skill or judgement in purchasing or using the same and every person dealing with this product does so at his own risk absolutely. No representative of Chem Pack has any authority to add to or alter these conditions.