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TECHNICAL DATA SHEET

**Silube® J208-612**

**DESCRIPTION**

**Silube® J208-612** is a water insoluble alkyl functional silicone polyether designed to emulsify organic oils in water. The INCI name for **Silube J208-612** is Lauryl PEG-8 Dimethicone.

**TYPICAL PROPERTIES**

Appearance	Clear liquid
Colour, Gardner	1
Active Content %	100
Viscosity at 25 <sup>0</sup> C, cps	500
Specific Gravity at 25 <sup>0</sup> C	1.07
Functionality	Alkyl, Polyether

**USES & APPLICATIONS**

**Silube J208-612** is a water insoluble silicone surfactant. The presence of a fatty acid attached to a long chain silicone copolymer in **Silube J208-612** provides excellent lubricity and release properties in any water-based application. The balance of alkyl groups and polyethers on the same silicone backbone makes **Silube J208-612** an excellent water-in-oil emulsifier.

The approximate HLB of **Silube J208-612**(calculated) is 4.0.

The recommended concentration used is between 1.0-5.0% weight percent of the total formulation.

**SAFETY**

Before handling, read the Material Safety Data Sheet and container label for safe use, physical and health hazard information.

**STORAGE AND SHELF LIFE**

When stored between 10 and 40°C, **Silube J208-612** has a shelf life of 36 months from the date of manufacture.

**PACKAGING**

**Silube J208-612** is supplied in 20kg pails and 200kg drums.

**LEGAL DISCLAIMER**

Siltech Corporation believes that the information in this technical data sheet is an accurate description of the typical uses of the product. Siltech Corporation, however, disclaims any liability for incidental or consequential damages, which may result from the use of the product that are beyond its control. Therefore, it is the user's responsibility to thoroughly test the product in their particular application to determine its performance, efficacy and safety. Nothing contained herein is to be considered as permission or a recommendation to infringe any patent or any other intellectual property right.

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