



## Long Chain Alkyl-modified Silicone Oil LF-AM11

### Description:

Chemical Name: Long Chain Alkyl-Modified Silicone Oil

Synonyms: Long Chain Alkyl-Modified Silicone Fluid

### Special Features:

1. In the field of lubrication, it has excellent extreme pressure lubricity, oil solubility, wear resistance and other properties. It has excellent lubricity to metal materials, especially to metal aluminum, and can also be used as the oil of high lubricity silicone grease;
2. Used as a release agent, it can be used for metal release, and it can also be used for release of plastic, rubber, and PU products. The release effect is excellent and does not hinder the subsequent printing, coloring and bonding of the product;
3. Used as a defoamer, used in coatings, latex, and printing inks, has good compatibility with organic materials and antifoaming properties, and does not affect subsequent surface processing;
4. In the field of personal care, alkyl silicone oil has better compatibility, lubricity and gloss than methyl silicone oil. Other characteristics, miscible with mineral oil;

### Typical Technical Properties:

Appearance: Yellowish transparent liquid                      Volatile (150°C, 3h)/%: <3

Viscosity (25°C, mpa.s): 350~550

The above are typical indicators, and corresponding products can be customized according to requirements.

### Applications:

Lubricants, grease base oils; defoamers; personal care additives; mold release agents.

### Instructions:

Long-chain alkyl silicone oil is used as a release agent for plastic and rubber products. It is generally diluted to a concentration of 2% to 10% with diluents such as toluene and industrial gasoline, or used as an aerosol or emulsion. The plastic and rubber products after demoulding can be printed, evaporated, hot-pressed and painted on their surface.

### Package &Storage:

In 5kg bottle and 25kg, 50kg drum.

Keep in cool, dry and ventilated place. Keep away from strong oxidants, acids, alkalis, corrosive substances, away from heat sources; avoid contact with eyes, long-term or repeated contact with skin. Keep in unopened containers, shelf life is 12 months from the date of production. Storage beyond the shelf life does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.