

4127 Non-spreading Instrument Oil for Jeweled Bearing Working in Low Temperature

SINOPEC 4127 non-spreading instrument oil for jeweled bearing working in low temperature is blended with synthetic base oil and plural highly refined additives, such as anti-oxidizer, anti-corrosion agent, anti-spreading agent and lubricant. It meets the requirements of U.S Army's MIL-L-3918A.

Advantages

- ⊙ Excellent anti-spreading property, ensuring it always being retained at desired location
- ⊙ Low freezing point, with good viscosity-temp property, ensuring normal operation of instrument under low temp
- ⊙ Outstanding oxidation stability and lubricity, free of metal corrosion
- ⊙ Low evaporation loss, ensuring a long service life

Performance Specification

The product meets the following specifications:

- ⊙ GJB 3422—98

Applications

- ⊙ Suitable for lubricating timers used in aerospace field, timing system for controlling missile fuse as well as other instrument working in low temperature and locations where non-spreading oil is needed, such as jeweled bearing, gear driving member, etc
- ⊙ Applied temperature range: -54℃ ~ 100℃

Typical Properties

Items	4127 non-spreading instrument oil for jeweled bearing working in low temperature
Appearance	Transparent liquid of light yellow
Kinematic viscosity, mm ² /s	
40℃	9.07
-40℃	1312
Freezing point, ℃	<-60
Neutralization value, mgKOH/g	0.6
Corrosion (T ₂ copper sheet, 100℃, 3hrs), level	1b
Evaporation loss (99℃, 6.5hrs), % (m/m)	1.2
Ate of spreading (steel sheet, normal temp, 168hrs), %	2.7

Special Attentions

- ⊙ Do not mix with other lubricant resulting in performance reduction due to possible physical or chemical reactions between different oil
- ⊙ Close the cap in time after each use, keeping moisture and dust away
- ⊙ Material compatibility test should be carried out when used in lubricated part in contact with non-metallic material such as rubber, plastic and paint

Packing

- ⊙ To be packed with 250ml plastic bottle or as required by customer