

## 4011 Synthetic Aviation Lubricating Oil

SINOPEC 4011 synthetic aviation lubricating oil is engine used new lubricant with low viscosity, blended with synthetic base oil and highly refined additives. Main properties meet requirements of MIL-PRF-7808L, MIL-L-7808L on 4 cST oil.

### Advantages

- ⊙ Strong resistance to high temperature, suitable for aeroplane engine working under such condition
- ⊙ Good heat oxidation stability, ensuring a longer service life of bearings
- ⊙ Outstanding material adaptability and storage stability, suitable for using under different conditions
- ⊙ Low foam tendency and good lubricity, providing fully lubrication in all kinds of conditions
- ⊙ Outstanding high/low temperature property, adapting usage anytime anywhere
- ⊙ Main properties are as excellent as the same with foreign equals meeting MIL-L-7808L standards

### Performance Specification

The product meets the following specifications:

- ⊙ Q/SH303 417—2007

### Applications

- ⊙ Suitable for aeroplane turbine engine, applied temperature range: -51℃ ~ 220℃

### Typical Properties

Items	4011 synthetic aviation lubricating oil
Kinematic viscosity, mm <sup>2</sup> /s	
100℃	4.11
40℃	18.24
-51℃	21380
Flash point (open), ℃	245
Nuetralization value, mgKOH/g	0.16
Evaporation loss (205℃, 6hrs), % (m/m)	7.04

### Similar Foreign Products

- ⊙ Main properties are as excellent as the same with foreign equals meeting requirements of MIL-L-7808L on 4 cST oil

### Special Attentions

- ⊙ Prevent moisture, dust, or other corrosive medium from entering into during storage and usage
- ⊙ Do not mix with other oils
- ⊙ Keep away from paints, coats, rubbers which are soluble in ester oil
- ⊙ Material compatibility test should be carried out when used in lubricated part in contact with non-metallic material, such as rubber, plastic and paint
- ⊙ It is normal and shall not affect application in case of darkened color after exposed to light or under long term high temperature
- ⊙ Store at clean, cool and dry places

### Packing

- ⊙ To be packed with 1L, 4L iron barrels or as required by customer