

4106 Synthetic Aviation Lubricating Oil

SINOPEC 4106 synthetic aviation lubricating oil is Type II moderate viscosity synthetic aviation lubricating oil blended with synthetic base oil and plural highly refined additives such as anti-oxidizer, anti-corrosion agent, anti-wearing agent and so on. It meets requirements of MIL-L-23699C.

Advantages

- ⊙ Outstanding high/low temperature property, meeting requirements of all day long applicant
- ⊙ Outstanding high temperature anti-oxidation property, reducing coking
- ⊙ Relatively low evaporation loss, reducing consumption of oil
- ⊙ Excellent lubricity, ensuring long term operation of aeroplane engine
- ⊙ Outstanding defoaming ability, sufficiently ensuring lubrication requirement of aeroplane engine

Performance Specification

The product meets the following specifications:

- ⊙ GJB 1263—1991

Applications

- ⊙ Suitable for aeroplane engine of turbo-jet, turbo-fan and turbo-shaft, and further suitable for gas turbine engine of ground industry
- ⊙ Applied temperature range: -40℃ ~ 200℃, and 220℃ for short period of time

Typical Properties

Items	4106 synthetic aviation lubricating oil
Kinematic viscosity, mm ² /s	
100℃	5.02
40℃	24.40
-40℃	8652
Flash point (open), ℃	250
Pour point, ℃	<-54
Evaporation loss (204℃, 6.5hrs), %	4.37

Similar Foreign Products

- ⊙ Good performance as good as Mobil Jet Oil II, ESSO 2380

Application Examples

- ⊙ An oil and gas company purchased SK15 gas turbine power generation unit (11700kW per unit) from R-R (Britain) in 1988. 4106 synthetic aviation lubricating oil was recommended by R-R as substitute of the original ESSO 2380. The unit runs well until now

Special Attentions

- ⦿ Prevent moisture, dust, or other corrosive medium from entering into during storage and usage
- ⦿ Do not mix with other oils
- ⦿ 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 4L iron barrel or as required by customers