

4112 High/Low Temperature Instrument Oil

SINOPEC 4112 high/low temperature instrument oil is blended with synthetic base oil and plural highly refined additives such as anti-oxidizer, anti-rust agent and so on. It meets the requirements of US Army's MIL-L-6085A and Britain's D.T.D-822 specifications.

Advantages

- ⊙ Low freezing point, good viscosity-temperature property, wide range of working temperature
- ⊙ Low evaporation and consumption, good lubricating property in long-term use
- ⊙ Outstanding anti-oxidation ability and anti-rust property, protecting bearings of instrument from corrosion

Performance Specification

The product meets the following specifications:

- ⊙ SH/T 0465—92

Applications

- ⊙ Suitable for the lubrication of aeroplane instrument, timer, bearings of micromotor, turbine cooler of air conditioning system, clock working in low temp, industrial instrument and medical equipment, such as indicator of chemical fertilizer plant, driving gear and motor of recording instrument
- ⊙ Applied temperature range: -60°C ~ 120°C, and 150°C for short period of time

Typical Properties

Items	4112 high/low temperature instrument oil
Kinematic viscosity, mm ² /s	
50°C	9.400
-50°C	6400
Neutralization value, mgKOH/g	0.03
Flash point (open), °C	224
Freezing point, °C	<-60
Water content, % (m/m)	<0.03

Similar Foreign Products

- ⊙ As outstanding as the same with British AEROSHELL FLUID 12, Swiss SYNTALUBE and ARCTIC (MOEBIUS9040)

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, 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 250g plastic bottle or as required by customer

Special Oil for Precision Bearing