

Special Oil 3[#], 4[#], 5[#], 14[#] and 16[#] for Precision Instrument

SINOPEC special oil 3[#], 4[#], 5[#], 14[#] and 16[#] for precision instrument is finely blended with silicon oil and synthetic oil with low freezing point. They are grouped as #3, #4, #5, #14 and #16 by functions.

Advantages

- ⊙ Excellent high/low temperature property, adaptable to wide temperature range, -60℃ ~ 120℃ is recommended
- ⊙ Good heat stability, with low evaporation loss
- ⊙ Excellent anti-shear stability, adaptable to instruments working under high shearing force
- ⊙ Outstanding rust-proofing performance

Performance Specification

The product meets the following specifications:

- ⊙ SH/T 0454—92 (1998)

Applications

- ⊙ Suitable for the lubrication of precision instrument, bearings of instrument of aeroplane, bearings of micromotor, gears of correction mechanism and friction member; and for the soaking of sealing gasket

Typical Properties

Items	special oil 3 [#] , 4 [#] , 5 [#] , 14 [#] and 16 [#] for precision instrument				
	3 [#]	4 [#]	5 [#]	14 [#]	16 [#]
Density (20℃), g/cm ³	0.8974	0.9238	0.9402	0.9198	0.9295
Kinematic viscosity (50℃), mm ² /s	11.92	13.6	19.38	25.31	22.12
Flash point (open), ℃	194	186	187	192	190
Freezing point, ℃	<-65	<-70	<-70	<-70	<-70
Acid number, mgKOH/g	0.01	0.03	0.02	0.02	0.02

Similar Foreign Products

- ⊙ Among the series, 3[#], 4[#], 5[#], 14[#] and 16[#] have the performance corresponding to Russian OKB3[#], Russian OKB4[#], Russian OKB5[#], Russian OKB14[#] and Russian OKB16[#], respectively

Special Attentions

- ⊙ Clean the location to be applied, then blow to dry and inject it with syringe during use
- ⊙ Close the cap tightly after each use to keep dust and debris away, ensuring quality of the product
- ⊙ Store under clean, dry condition, away from light

Packing

- ⊙ To be packed with 250g plastic bottle