

4124 Non-Spreading Instrument Oil

SINOPEC 4124 non-spreading instrument oil is blended with special structured synthetic base oil and plural highly refined additives such as anti-oxidizer, anti-wearing agent, anti-corrosion agent, and anti-spreading agent and so on. It is grouped into 4124-1, 4124-2 and 4124-3 according to the kinematic viscosity at 40°C.

Advantages

- ⊙ Excellent anti-spreading property, ensuring it always being retained at desired location
- ⊙ Modest viscosity, with outstanding oxidation stability, lubricity and high/low temperature property, ensuring a long service life of instrument

Performance Specification

The product meets the following specifications:

- ⊙ Q/SH303 163—2004

Applications

- ⊙ It is suitable for lubricating various instruments, such as aeroplane instrument, gyroscope, timer, civil clock and electric meter. Especially for locations at where non-spreading oil is needed and parts work with low oil consumption, such as optical instrument's bearings working in small space, jeweled bearing of timer, different micro-bearings and small gears. 4214-1 is used for bearings working in low temperature, with interval less than 3 μ ; 4124-3 is used for bearings working with heavier load with interval larger than 3 μ
- ⊙ Applied temperature range: -40°C ~ 120°C

Typical Properties

Items	4124 non-spreading instrument oil		
	4124-1	4124-2	4124-3
Appearance	Transparent liquid of light yellow		
Kinematic viscosity, mm ² /s			
40°C	29.65	45.50	64.6
0°C	288.8	510	700
Neutralization value, mg/KOH/g	1.14	1.37	1.41
Freezing point, °C	-56	-46	-47
Non-spreading property (45#steel sheet, normal temp, 168hrs), rate of spreading, %	1.1		

Similar Foreign Products

- ⦿ It performs as excellent as Swiss Synt-v-lube9020, synt-f-lube9030 and American M566

Special Attentions

- ⦿ Do not mix with other lubricant resulting in 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 250g plastic bottle or as required by customer