

## 4529 Synthetic Refrigeration Compressor Oil

4529 synthetic refrigeration compressor oil is blended with synthetic base oil and additive of high efficiency by multiple processes.

### Advantages

- ⊙ Good chemical stability and thermal stability, preventing oil from deteriorating under high temperature or in chemical medium
- ⊙ Hydrophilic anti-wear performance, reducing wear of refrigeration compressor
- ⊙ Low hydrophilic, preventing capillary from blocking
- ⊙ High electrical insulation performance, ensuring application safety
- ⊙ Perfect intersolubility with refrigerant R134a, no hydrolization and corrosion, ensuring normal operation of compressor

### Performance

- ⊙ Accredited by the material test from the technical center of FAW

### Applications

- ⊙ Suitable for refrigeration compressors taking R134a as refrigerant of reciprocating, inclined disc, rotary vane and scroll types for mobile and automotive air conditioners
- ⊙ Suitable for same type of domestic air conditioner, refrigeration compressors of refrigerator and screw and centrifugal type industrial refrigeration machines taking R134a as refrigerant.

### Typical properties

Items	4529 synthetic refrigeration compressor oil			
	Grade 46	Grade 68	Grade 100	Grade 120
Kinematic viscosity, mm <sup>2</sup> /s				
100℃	10.71	14.5	20.83	24.0
40℃	49.50	67.90	102.9	121.5
Viscosity index	219	225	229	233
Neutralization number, mgKOH/g	0.05	0.05	0.05	0.05
Flash point, ℃	237	239	249	253
Pour point, ℃	-43	-43	-45	-42
T <sub>2</sub> Cu (3h × 100℃)	1a	1a	1a	1a
Water content, ppm	45	45	45	65