

Super Vacuum Pump Oil

Super vacuum pump oil is manufactured from highly-refined mineral oil and several superior additives, suitable for sealing and lubricating of various vacuum displacement pumps (mechanical vacuum pumps, as well as the lubrication of gear system of Roots vacuum pump (mechanical blower pump)).

Advantages

- ⊙ Extremely low saturated vapor pressure, ensuring vacuum pumps to obtain high degree of ultimate vacuum
- ⊙ Good viscosity-temperature performance, rapid start-up of vacuum pump at low temperature, good sealing performance at high temperature
- ⊙ Good anti-foaming performance, less and unstable foam resulted from air exhausted from pump chamber, breaking dieing away easily
- ⊙ Good water separation from oil, easy separation of water in air vacuumed from vacuum pump oil, exhausted from pumps through gas ballast valve
- ⊙ Good thermal oxidation stability, ensuring long-term operation under high temperature

Applications

- ⊙ Suitable for sealing and lubrication of mechanical vacuum pumps with strict requirements for vacuum

Typical properties

Items	Super vacuum pump oil
Kinematic viscosity (100℃), mm ² /s	100.1
Viscosity index	109
Flash point (COC), ℃	270
Pour point, ℃	-18