



Vacuum pump oil



Performance:

- Good viscosity - temperature characteristic to ensure better vacuum degree.
- Superior anti-oxidation property, it is available for the situations if needed.
- Better demulsibility to separate oil from water rapidly.

Application:

- application to all kinds of sliding-vane pumps, rotary-vane pumps, piston vacuum pumps at rough vacuum conditions.

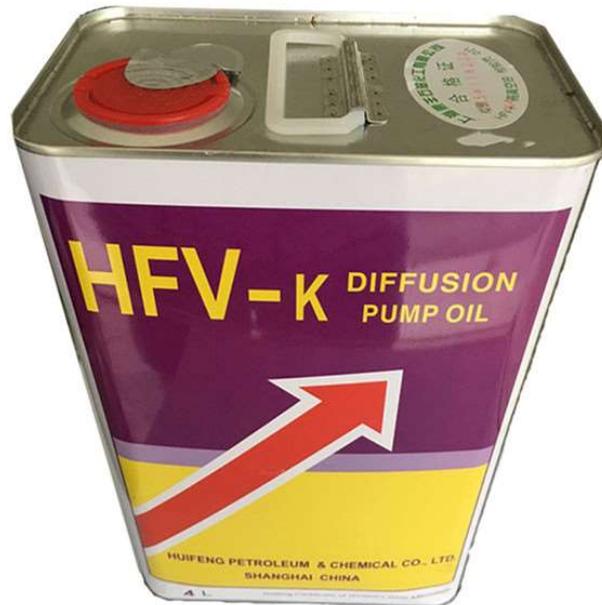
**Technical data:**

Item/Grade	100 Qualified (SH0528)	100a	150 First Class	Experimental Method
Kinematic viscosity(40°C) mm ² /s	90~110	90~110	135~165	GB/T265
Viscosity index	—	90	90	GB/T2541
Flash point (open cup),°C	206	230	230	GB/T3536
Pour point,°C	-9	-9	-9	GB/T3535
Demulsibility (40-40-0) ml, min				
54°C	—	—	—	GB/T7305
82°C	Report	20	20	
Saturation vapor pressure, Kpa	5.3×10 ⁻⁶	—	—	GB/T0293
Differential pressure	Report	1.3×10 ⁻⁶	1.3×10 ⁻⁶	
Total pressure				
Extreme pressure, kpa				
Differential pressure	—	6.0×10 ⁻⁵	6.0×10 ⁻⁵	GB/T6306.2
Total pressure		Report	—	

Note: use double-stage and double-excellent vacuum pump as extreme pressure test pump.

The data above values of typical samples only. Product properties should refer to actual measurement.

Diffusion Pump Oil



Performance:

- Low saturated vapor pressure, narrow distillation range, high molecular weight and pumping speed.
- When heated to its boiling point, the oil will eject in supersonic speed to create a vacuum environment rapidly.
- Reasonable chemical compositions, perfect oxidation and thermal stability.
- Low back streaming rate, oil vapor will condense into new fluid as soon as it to touch cold wall.

Application:

- Suitable for vapor diffusion pumps, it is available according to the final pressure only.
- Applicable to vacuum distillation, vacuum metallurgy, vacuum coating, vacuum furnace, and etc.
- Also be used as working fluid of diffusion pump in industries, such as electronics, aeronautics, nuclear and etc.

**Typical data**

Item/Grade	Item Name	
	HFV-K3	HFV-K4
Kinematic viscosity (GB3141)	100	100
Kinematic viscosity(40°C), mm ² /s	90~100	90~100
Flash point(open cup), °C	250	265
Pour point, °C	-9	-9
Extreme pressure, kpa	4.0×10 ⁻⁸	3.0×10 ⁻⁸
Appearance	Qualified	Qualified

Note:

The data above values of typical samples only. Product properties should refer to actual measurement.

Package: 4L/Canteen, 4Canteen /Case