

KV-100

D250-89

Kinney KV100 oil is used for stage mechanical vacuum pumps with ultimate vacuum specifications of .010 Torr. This product is a blend of solvent-refined paraffinic-based oils with R and O and defoamer additives.

PHYSICAL PROPERTIES		ASTM TEST METHOD
Gravity API, 60°F	30	D287-
Flash point, COC - °F	480	D 92-
Fire point, COC - °F	530	D 92-
Pour point, °F	10	D 97-
Viscosity SUS at 100°F	500-525	D2161-
Viscosity SUS at 200°F	64	
Viscosity CST at 40°C	100	
Viscosity index	95	D2270-
Color	2.0	D1500-
Neutralization No	0.05	D974-
Corrosion, 3 hrs – 212°F	1	D130-
Carbon residue, % max.	0.05	D524-
Emulsion test		D1401-
Foam test		D892-
Density, lbs/gal	7.34	
Vapor pressure, mm Hg (Kinney test)	<.005	

Sold in the following container sizes:

- 1 gallon – 203019-0000
- 5 gallon – 203020-0000
- 55 gallon – 202991-0000

SPECIAL INFORMATION

- 1) This product is not defined as hazardous in accordance with 29CFR1910.1200. Per OSHA Hazard Communication Law of Nov. 25, 1985, special handling or labeling precautions are not required. However, (per OSHA 29 CFR Part 1910, Subpart Z, Toxic and Hazardous Substances, Para. 1910.1000 Air Contaminants) exposure to oil mist must be limited to a concentration of 5 MG/M3 for an 8 hour time weighted average. The discharge of a vacuum pump must be filtered to avoid excessive oil mist concentration.
- 2) A Material Safety Data Sheet (MSDS) is available on request (D250-90).
- 3) NFPA (Nat. Fire Prot. Assoc.) rating: 110
- 4) This oil is approved as a lubricant with no food contact by USDA Nonfood Compounds Category H2.

REF. PUMP TEST TAG NO. 807919-A000

CONTACT US

For more information, contact your
Regional Sales Manager or call us at:

1-800-825-6937

Your Local Sales Professional: