KINNEY®

KV100M/S/FG Oil

Kinney KV100M

KV100M is a premium anti-wear vacuum pump mineral oil developed to meet the requirements of all conventional and high-output vacuum pumps. This product has excellent oxidation resistance and rust and corrosion protection. KV100M is non-foaming, long lasting, and will increase pump efficiency.

Kinney KV100S

KV100S is a full synthetic vacuum pump oil designed to run at optimum performance in severe applications. Made of an organic ester base with excellent hydrolysis stability as well as high thermal and chemical stability. KV100S is most suitable for high ambient temperatures.

Kinney KV100FG

KV100FG is a premium anti-wear vacuum pump mineral oil developed to meet the requirements of all conventional and high-output vacuum pumps for food grade applications. This product has excellent oxidation resistance and rust and corrosion protection. KV100FG is non-foaming, long lasting, and will increase pump efficiency. KV100FG is H1 Rating USDA compliant.

OIL TYPE PART NO.			
SIZE	**KV100M**	**KV100S**	**KV100FG**
1 quart	203103-0000	203106-0000	203109-0000
1 gallon	203104-0000	203107-0000	203110-0000
5 gallons	203105-0000	203108-0000	203111-0000

PHYSICAL PROPERTIES		KV100M	KV100S	KV100FG	ASTM TEST METHOD
ISO		100	100	100	D-2422
Specific Gravity		.8764	.85	.876	D-1298
VISCOSITY	cSt @ 40°C	100	100	100	D-445
	cSt @ 100°C	11.3	13.2	12.3	D-445
	SUS @ 100°F	463	464	463	D-445
	SUS @ 210°F	63.4	71	67	D-445
Viscosity Index		99	130	115	D-2270
Flash Point COC °F/°C		500/260	515/268	430/221	D-92
Pour Point °F/°C		14/-10	-50/-45	-20/-29	D-97
4-Ball Wear-1200 rpm		.41	.39	.43	D-2266
(167°F/75°C, 40 kg/1 hr.)					
Scar diameter, mm					
Copper Corrosion, 24 hrs.		1A	1A	1A	D-130

KINNEY • 4840 W. KEARNEY ST., SPRINGFIELD, MO 65803 USA
P: 417-865-8715 OR 1-800-825-6937 • F: 417-865-2950
WWW.MD-KINNEY.COM/VACUUM

K-CS-KV100-MSFG-OIL 1st Ed. 1/22

CONTACT US

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

1-800-825-6937

Your Local Sales Professional: