

MEDALLION™ MIRKAVAC™ FM/VR PUMP OIL

Medallion™ Mirkavac™ FM V/R Pump Oils are blended using a new generation food grade base oil called Excelsior™.

Most base oils used in industrial lubricants are yellow or amber in color. This “discoloration” is caused by a variety of impurities including traces of sulfur, nitrogen and inferior aromatic oils. Nitrogen promotes oxidation and deposit formation. Aromatics have poor oxidation stability. Excelsior™ base oils are colorless and free of these materials. Excelsior™ oil is ideal for use in applications involving food machinery.

In laboratory tests, Whitmore’s Excelsior™ base oil shows a major reduction in evaporation loss. Oxidation stability exceeds that of convention base oils by 60-100%. These performance improvements translate into reduced carbon and varnish deposits. The end result is longer oil and component life.

Medallion™ Food Machinery Hydraulic Oils are produced under the supervision of VA'AD HAKASHRUS of Dallas, Inc. doing business as Dallas Kosher and is considered Kosher-pareve for year round use including Passover.

BENEFITS:

- H-1 RATED - for use in federally inspected meat and poultry plants, as well as beverage and other food processing facilities where incidental food contact may occur.
- REDUCES WEAR - minimizes downtime, extends equipment life and lowers operating costs.
- RUST AND CORROSION INHIBITED - protects metal surfaces against oil oxidation and the effects of moisture and acids.
- EXCELLENT DEMULSIBILITY - separates easily from water.
- EXTENDED OIL LIFE – free of impurities including sulfur, nitrogen, and inferior aromatic oils.

APPLICATIONS:

Medallion™ Mirkavac™ Food Machinery V/R Pump Oils are recommended for low pressure rotary vane vacuum pumps and booster blowers used in food packaging equipment requiring an H-1 rated lubricant.

ASTM #	ISO Grade	TYPICAL CHARACTERISTICS		
		46	68	100
	AGMA Grade	1	2	3
	NSF Registration	H-1	H-1	H-1
D-445	Kinematic Viscosity cSt @ 40°C cSt @ 100°C	43	64	92
		7	9	11
D-2161	Saybolt Viscosity SUS @ 100°F SUS @ 210°F	215	315	485
		48	54	62
D-2270	Viscosity Index	102	103	96
D-97	Pour Point, °F (°C)	5 (-15)	5 (-15)	5 (-15)
Gardner Method	Density, lb/gl @ 60°F (15.5°C)	7.21	7.26	7.30
	Specific Gravity, g/cc @ 60°F (15.5°C)	0.863	0.869	0.874
D-92	Flash Point, °F (°C) Cleveland Open Cup	410 (210)	410 (210)	450 (232)
D-4172	Four Ball Wear Scar Width, mm @ 40 kgf	0.30	0.30	0.30
D-665	Rust Test Distilled Water	Pass	Pass	Pass
D-2832	Vickers Vane Pump Wear Test @ 1,000 psi = (mg total loss) @ 2,000 psi = (mg total loss)	N/A	1.6	1.6
		N/A	<5	<5
	Color	Water White	Water White	Water White

The above are average values. Minor variations which do not affect product performance are to be expected in normal manufacturing.

PACKAGING

Drums	Kege	Pails
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For warranty information, scan the QR code.
You can also email us at sales@whitmores.com
Or write to the Sales Department at the address below.

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