

# Product Data Sheet

## SERVOVACCUM OIL VM 4



### Description

Servovaccum oil VM 4 is specially developed as Vacuum Pump Oil having low vapour pressure  $1 \times 10^{-6}$  mm Hg at 20°C. This oil is having very high thermal stability which helps in maintaining constant vacuum for the operation.

### Performance, Features and Benefits

- Having very low vapour pressure.
- Having high thermal stability.
- Extended life
- Ensures constant vacuum.

### Application

Servovaccum oil VM 4 is recommended as Vacuum Pump oil for high vacuum producing diffusion pumps.

### Approvals / Performance Standards / Recommendations

Servovaccum oil VM 4 meets GOST: 23013 – 78 specification for Vacuum Pump Oil.

### Typical Physical Characteristics

Parameters	Method	VM 4
Appearance	Visual	Clear
Colour	ASTM D1500	<0.5
Density @ 15°C, g/ml	ASTM D1298	863.8
Flash point COC, °C	ASTM D92	244
Pour Point, °C	ASTM D97	-18
Viscosity Index	ASTM D 2270	117
Kinematic viscosity at 40°C, cSt	ASTM D445	81.6
Kinematic viscosity at 50°C, cSt	ASTM D445	52
Kinematic viscosity at 100°C, cSt	ASTM D445	10.71

### Health, Safety & Environment

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contract office, or at <https://cx.indianoil.in/>. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

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