

## FRAGOL VAC M 100

FRAGOL VAC M 100 is a paraffinic ISO VG 100 high performance vacuum pump lubricant. Its modern additive technology provides very good resistance to oxidation and thermal degradation.

FRAGOL VAC M 100 was designed for use in mechanical vacuum pumps with absolute pressures down to  $10^{-2}$  mbar at 100 °C.

### APPLICATIONS

- Rotary-vane pumps
- Piston pumps
- Roots pumps

### BENEFITS

- Superior oxidation stability
- Good thermal resistance
- Good water separation and air release
- Prevents corrosion

### TYPICAL CHARACTERISTICS

FRAGOL VAC M 100	Value	Unit	Method
<b>Appearance</b>	clear, bright liquid	-	visual
<b>Viscosity @ 40 °C</b>	98.5	mm <sup>2</sup> /s	ASTM D-445
<b>Viscosity @ 100 °C</b>	11.8	mm <sup>2</sup> /s	ASTM D-445
<b>VI</b>	110	-	ASTM D-2270
<b>Density @ 15.6 °C</b>	0.863	kg/l	ASTM D-4052
<b>Flash point (COC)</b>	272	°C	ASTM D-92
<b>Pour point</b>	-19	°C	ASTM D-5950

### SPECIFICATIONS

FRAGOL VAC M 100 meets or exceeds the requirements of the following specifications:

ISO-L-DVC (according to ISO/DIS 6743-3)

### COMPATIBILITY

FRAGOL VAC M 100 is based on high quality mineral oil and is compatible with most seals currently available on the market.