

DURAVAC

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DURAVAC SIL 737 SILICONE DIFFUSION PUMP OIL

Silicone 737 (Phenyl-Methyl Silicone) is an excellent compromise oil having a mid-range boiling point approaching Silicone 704. Extensively used in heat treatment and investment casting applications where a high auto-ignition oil temperature is desirable. Silicone 737 provides exceptionally high resistance to oxidation and thermal stability when compared with mineral diffusion pump oils.

TYPICAL CHARACTERISTICS

Saturated Vapour Pressure @ 25°C	5.0 X 10 ⁻⁷ torr
Average Boiling Range @ 5.0 X 10⁻¹ torr	20°C
Mid Range Boiling @ 5.0 X 10⁻¹ torr	185°C
Initial Boiling Point @ 5.0 X 10⁻¹ torr 155°C	<0.1gr: = 0.025% Wt.
Molecular Weight (typical)	470g/mol
Flash Point	>210°C
Viscosity @ 40°C Nominal	28.5 cst
Viscosity @ 25°C Nominal	54 cst
Specific Gravity @ 25°C (Typical):	1.07
Colour	Water white
Oil Type	Phenyl-methyl