

# BSO 18 – Silicone fill fluid for high temperatures

## Description

BSO-18 is a silicone fill fluid designed as a fluid for diffusion pumps for applications where high vacuum in combination with elevated temperatures are present. In cold outdoor applications its relative high viscosity might result in longer response times. Under those conditions, heat tracing and/or insulation of capillaries is recommended or a temperature compensator can be applied. Typically used for applications with high vacuum in combination with high temperatures



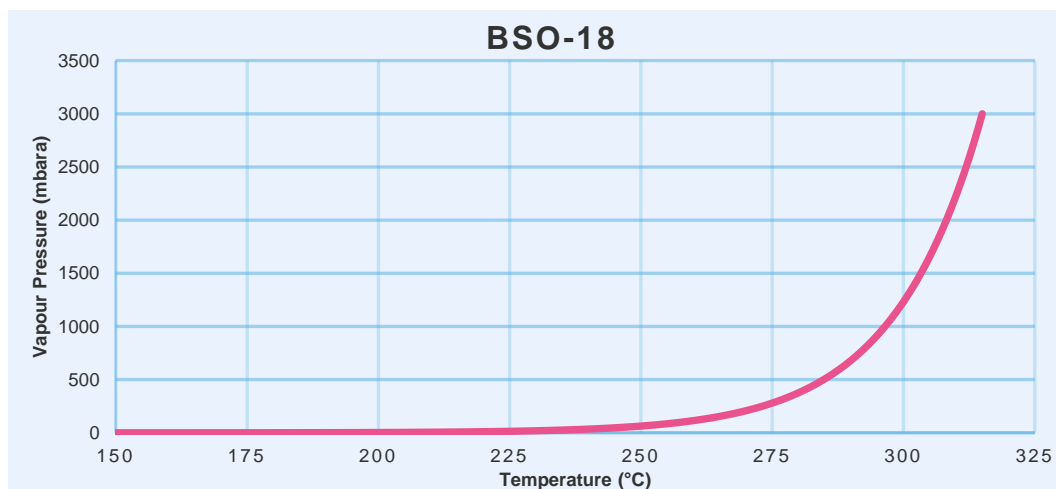
## Specifications

Commercial name	Fluid type	Viscosity	Density	Operating range*2	Design range*1
BSO 18	Silicone	37 cSt	1.07 kg/dm <sup>3</sup>	-10°C...315°C	-15°C...325°C

\*1) Viscosity at 25°C

\*2) maximum operating temperature is at pressure >1000 mbar (see vapour pressure curve)

\*3) Design range is suitable for non-continuous use with a cumulative exposure time of <12 hr.



Holland – Romania – India – Thailand – Dubai – USA

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