

# Technical data sheet

## Premium Vacuum Pump Oil

Quality tested Vacuum pump oil for minimal moisture content



Specially formulated to improve cold start performance of most high vacuum pumps; chemically engineered to maintain viscosity at very high running temperatures.

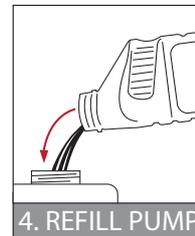
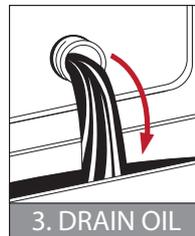
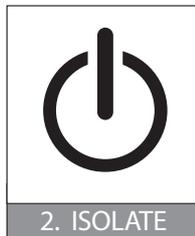
### PRODUCT SPECIFICATION

Name	Premium Vacuum Pump Oil
Product Code	S145023GB
Packing Quantity	12 x 1L
Packing Size (L x H x D cm)	
Shipping Weight (kg)	11.57kg
Shipping Volume (m <sup>3</sup> )	
Soils	
ISO Viscosity Grade	32
Kinematic Visc @ 40°C	32.29
Kinematic Visc @ 100°C	5.56
Viscosity Index(VI)	110
Pour Point °C	-23
Flash Point °C	210

### Special Features

- Heat Stable, high viscosity index with an anti-foaming agent and corrosion protection

## Directions of use



### Vacuum Pump Oil

EUH210: Safety data sheet available on request.  
 P273: Avoid release to the environment.

The directions for use are recommendations only, and will depend upon individual circumstances to ensure optimal performance of the vacuum pump. Keep out of reach of children. Avoid contact with skin and eyes. Wear suitable gloves and eye/face protection. In case of contact with eyes, rinse immediately with water. Do not use this product near food or drink. Only trained operatives should use this product. Safety data sheet available for professional user on request.

In order to reach the deep vacuum that you require, a vacuum pump needs clean, moisture-free oil during evacuation. Dirty oil becomes a mixture of corrosive acids and water that effects the pump's ability to pull a deep vacuum. Left sitting in the pump, this sludge will rust and erode internal surfaces - shortening the pump's life. It is strongly recommended that the vacuum pump oil should be changed after every vacuum pump use.

Care should be taken to avoid contact of oil with skin or eyes. OIL MAY BE HOT! Used oil should be properly disposed of in a leakproof corrosive-resistant container according to local regulations.

- 1) Verify the pump is warmed up and the inlet is opened to the atmosphere.
- 2) Disconnect the pump from the AC electrical power source..
- 3) While the pump is warm and oil is thin, take a small sample of oil from the drain port. If the oil is contaminated, drain the oil by placing the pump on a level surface and opening the oil drain valve. Catch the waste oil in a container and properly dispose of it. When the flow of oil has stopped, tilt the pump forward to drain residual oil.

*Note: If the drained oil is badly contaminated, the pump may need to be flushed. If flushing is necessary, please refer to the pump manufacturer guidelines.*

- 4) Replace the Oil drain cap. Remove the oil fill cap, and fill the reservoir with new vacuum pump oil until the oil just shows at the bottom of the pump's oil fill level (please refer to manufacturers guidelines with regards to fill levels). Do not use caps with damaged or missing O-rings.

- 5) Clean away any spillages, switch the pump on and check for oil leaks. When the pump is running check that the oil rises to the sight glass level when operating under vacuum conditions, if not, top up oil as required.

If the pump has been sitting for more than one month, the oil is considered contaminated regardless of appearance and should be changed as outlined above. Upon completion of the task, always wash hands thoroughly after handling any oils.

