



Leybold LVO 400

Technical Specifications

LVO 400

LVO 410

	LVO 400	LVO 410
Type of oil	Synthetic oil (perfluoropolyether PFPE, free of additives)	Synthetic oil (perfluoropolyether PFPE, free of additives)
Properties	Chemically inert Highest thermal stability	Chemically inert Highest thermal stability
Application examples	Pumping of strong oxidants like oxygen, ozone or nitrous oxides, as well as reactive substances like halogens, hydrogen halides and acids	Pumping of strong oxidants like oxygen, ozone or nitrous oxides, as well as reactive substances like halogens, hydrogen halides and acids
Remarks	Use only in pumps modified for PFPE Mixing with any type of other oil must be strictly avoided Avoid pumping of water vapor, in particular in connection with corrosive media The use of a chemical oil filter CF/CFS is strongly recommended When used in RUVAC: For use with PFPE we exclusively recommend pump types with a canned motor	Use only in pumps modified for PFPE Mixing with any type of other oil must be strictly avoided Avoid pumping of water vapor, in particular in connection with corrosive media The use of a chemical oil filter CF/CFS is strongly recommended When used in RUVAC: For use with PFPE we exclusively recommend pump types with a canned motor
Used in the pumps of series	TRIVAC BCS, SOGEVAC, E + DK, RUVAC	RUVAC, E + DK, DRYVAC ECODRY Plus, LEYVAC
ISO Viscosity grade	Not classified	Not classified
Viscosity at 40 °C	mm ² /s 49	89
Flash point	°C (°F) - 2)	- 2)
Density at 15 °C	kg/m ³ 1890	1900
Pour point	°C (°F) -45 (-49)	-35 (-31)

Features & Benefits

- practically inert against all chemical & oxidizing influences
- will not polymerise under the influence of high energy radiation
- thermally highly stable, non-flammable

Applications

- pumping of strong oxidants or reactive substances