



## LVO 100

Mineral oil, free of additives

Low vapor pressure, minimal foaming, very good water separation.

### Examples of use

Standard oil for low ultimate pressures.

For pumping air, chemically inert gases and water vapor.

### Product examples

TRIVAC, E+DK, RUVAC

### Mixable with / replacement for

N62

## LVO 120

Mineral oil with additives

Extension of oil change intervals, minimal foaming, very good water separation.

### Examples of use

Standard oil for small SOGEVAC.

For pumping air, chemically inert gases and water vapor.

### Product examples

SOGEVAC

A-series ≤ SV 65

B-series ≤ SV 25 B, ≤ SV 120 BI (FC)

### Mixable with / replacement for

GS 32

## LVO 130

Mineral oil with additives

Extension of oil change intervals, minimal foaming, very good water separation.

### Examples of use

Standard oil for large SOGEVAC.

For pumping air, chemically inert gases and water vapor.

### Product examples

SOGEVAC

A-series ≥ SV 100

B-series ≥ SV 40 B

### Mixable with / replacement for

GS 77

## LVO 200

Synthetic oil (ester oil with additives)

Very high thermal, oxidative and chemical stability, good deterging/ dispersion characteristics, excellent wear protection.

### Examples of use

Starting of the pump between 0 and +12 °C (32 and 64 °F).

Pumping of air, inert gases, carbon dioxide (dry), carbon monoxide, organic solvent vapours, resin vapours.

### Product examples

SOGEVAC

A-series ≤ SV 65 A and

BI-series ≤ SV 120 BI (FC)

### Mixable with / replacement for

GS 495

## LVO 210

Synthetic oil (Ester oil with additives)

Very high thermal, oxidative and chemical stability, good detergent and dispersion properties, excellent wear protection.

### Examples of use

For high temperature applications, pumping of air, chemically inert gases, carbon dioxide (dry), carbon monoxide, organic solvent vapors, resin vapors, etc.

### Product examples

TRIVAC, SP-Line, RUVAC, E+DK, DRYVAC

SOGEVAC ≥ SV 100, ≥ SV40 B

SV 40 Cat. 1 (i)/ 2(o) IIB + H2

SV 40 B to 630 B Cat. 2 (i)/ 2(o) & 3 (i)/ 3(o)

### Mixable with / replacement for

GS 555,

HE 600

## LVO 240

Synthetic oil (Special-Ester oil)

Excellent polymer handling properties

### Examples of use

When pumping solvents or gases, which tend to polymerize (e.g. styrene, butadiene)

### Product examples

TRIVAC B

### Mixable with / replacement for

NC 10

## LVO 260

Synthetic oil (Ester oil with additives)

Very high thermal and oxidative stability.

### Examples of use

Bearing oil for turbo blower

### Product examples

TURBOSTREAM

### Mixable with / replacement for

TST Oil 22

## LVO 300

Synthetic oil (PAO with additives)

H1 registration by NSF.

All components meet the requirement of the FDA regulation 21 CFR 178.3570.

In acc. with USDA – H1.

High thermal and oxidative stability.

### Examples of use

Recommended for food packaging applications.

Pumps for mass spectrometer.

Cleaning equipment.

### Product examples

TRIVAC, SOGEVAC

### Mixable with / replacement for

FGC 100

## LVO 310

Synthetic oil (PAO with additives)

High thermal and oxidative stability.

### Examples of use

Recommended for cold starts at low temperatures. For pumping air, chemically inert gases and water vapor and small quantities of refrigerant R717 (ammonia).

### Product examples

TRIVAC

### Mixable with / replacement for

SHC 224

## LVO 400

Synthetic oil (perfluorinated polyether PFPE, free of additives)

Chemically inert. Highest thermal stability.

### Examples of use

For pumping corrosive gases and oxidants like oxygen, ozone or nitrogen oxides as well as reactive substances like halogens, hydrogen halides and conditionally Lewis acids.

### Product examples

TRIVAC BCS, E+DK, RUVAC, SOGEVAC, LEYVAC

### Mixable with / replacement for

NC 1/14

HE 1600

## LVO 410

Synthetic oil (perfluorinated polyether PFPE, free of additives)

H1, HX-1, H2, HX-2 registered by NSF.

Chemically inert. Highest thermal stability.

### Examples of use

For pumping corrosive gases and oxidants like oxygen, ozone or nitrogen oxides as well as reactive substances like halogens, hydrogen halides and conditionally Lewis acids.

### Product examples

RUVAC, E+DK, DRYVAC

### Mixable with / replacement for

NC 1/25, HE 2700

## LVO 500

White oil, free of additives

High thermal and oxidative stability.

Very low vapor pressure.

### Examples of use

Diffusion pump oil for high vacuum applications.

### Product examples

Oil diffusion pumps DIP, LEYBOJET 630

### Mixable with / replacement for

DIFFELEN normal

## LVO 700

Synthetic cyclic hydrocarbon

H1 registered by NSF.

Very high thermal stability and highly resistant against oxidation and decomposition.

Very long lifetime.

### Examples of use

Chemically inert to gases of acidic nature.

For long service intervals.

### Product examples

SOGEVAC BI-series ≤ SV 120 BI (FC)

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