

PetroNexus Yisman L-DV Vacuum Pump Oil

Product reference: GYYY-18

Vacuum pump lubricant offered in viscosity grades 46, 68 and 100.

PetroNexus Yisman L-DV Vacuum Pump Oil

Product name

PetroNexus Yisman L-DV Vacuum Pump Oil

Viscosity / grade

46, 68, 100

Standard references

SH/T0528-1992

Product overview

PetroNexus Yisman L-DV Vacuum Pump Oil is blended from high-quality mineral base oil and multifunctional additives. It is suitable for sealing and lubricating a range of mechanical vacuum pumps.

Performance features

1. Low saturated vapor pressure maintains a high ultimate vacuum and a fast pumping rate even at relatively high ambient temperatures.
2. Good oil-water separation, excellent antifoam properties and oxidation stability.
3. Good sealing and lubrication performance.

Applications

- Suitable for sealing and lubricating mechanical vacuum pumps of various types and power ratings.

Packaging

170 kg drums; IBC containers

Unsuitable applications

- Not suitable for ultra-high-vacuum equipment or molecular pumps. Not suitable for pumping strongly corrosive gases, strong solvents or highly reactive chemical gases. Do not use in diffusion pumps.

For grade selection, technical requirements, packaging and commercial terms, contact sales@petronexusgroup.com.

Product visual and technical data



PETRONEXUS

Yisman L-DV Series

High-Performance Vacuum Pump Oil

Reliable Sealing and Lubrication for Vacuum Pump Applications

Low Vapor Pressure

Water Separation

Anti-Foaming

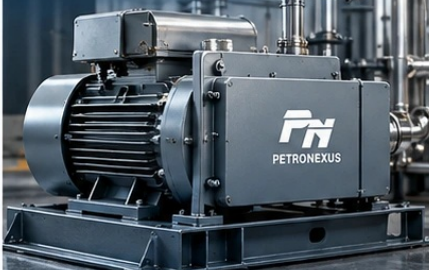
Stable Operation

VISCOSITY GRADES: 46 / 68 / 100

PRODUCT PERFORMANCE

- Low Saturated Vapor Pressure**
Minimizes oil vaporization under vacuum conditions.
- Excellent Water Separation Performance**
Effectively separates water to maintain oil performance.
- Superior Anti-Foaming Properties**
Controls foam and ensures stable operation.
- Good Oxidation Stability**
Resists oxidation and extends oil service life.
- Reliable Sealing and Lubrication Performance**
Provides effective sealing and lubrication for vacuum pump components.

VACUUM SOLUTIONS FOR A CLEANER, MORE EFFICIENT TOMORROW



**STABLE VACUUM OPERATION
LONGER EQUIPMENT LIFE
LOWER MAINTENANCE COST**

PRODUCT DESCRIPTION

Yisman L-DV Series is a range of high-quality mineral oil-based vacuum pump lubricants formulated with premium mineral base oils and carefully selected multifunctional additive packages.

Specifically developed for the sealing and lubrication of mechanical vacuum pumps, the series features low saturated vapor pressure, excellent water separation performance, superior anti-foaming properties, and good oxidation stability.

Its low vapor pressure helps minimize oil vaporization under vacuum conditions, while its effective sealing and lubricating properties support reliable vacuum pump operation.

Featuring good oxidation resistance and effective oil-water separation, Yisman L-DV Series provides dependable lubrication and protection for mechanical vacuum pumps under various operating conditions.

PURE LUBRICATION FOR RELIABLE VACUUM PERFORMANCE

LOWER OIL CONSUMPTION
CLEANER SYSTEM
LONGER SERVICE LIFE



CLEANER OPERATION

HIGHER EFFICIENCY

LONGER SERVICE LIFE

APPLICATIONS

Suitable for sealing and lubricating various types of mechanical vacuum pumps across a wide range of power ratings.

Designed for compatible vacuum pump applications requiring mineral oil-based lubricants with low vapor pressure, good sealing performance, effective lubrication, and reliable oxidation stability.

Always follow the vacuum pump manufacturer's recommendations regarding lubricant viscosity, operating conditions, and oil specifications.

Rotary Vane Vacuum Pumps

Rotary Pump Systems

Mechanical Vacuum Pumps

TYPICAL DATA

Typical Data

ISO Viscosity Grade		46	68	100
Test Item	Test Method	Typical Data		
Kinematic Viscosity @40°C, cSt	ASTM D445	46.8	68.1	99.6
Flash Point, °C	ASTM D92	236	242	258
Pour Point, °C	ASTM D97	-16	-16	-15
Density @20°C, kg/l	ASTM D1298	0.862	0.871	0.886
Vapor Pressure (60°C), kPa		2.05×10 ⁻⁷		

The above data are typical values of the current product. Future production data may vary within the allowable range of quality standards. For more information, please contact your sales representative.

AVAILABLE PACKAGING



170 kg Drums



IBC Containers



PETRONEXUS

LUBRICATION SOLUTIONS FOR A MORE PRODUCTIVE WORLD

INDUSTRY

EFFICIENCY

RELIABILITY

GLOBAL SUPPORT