

Lubricants

Accessories and Spare Parts

Vacuum Pump Lubricants R 530 - R 620



Description

Busch lubricants are specially formulated for the unique requirements of vacuum service which include lubrication of moving parts and transfer of heat from the pump. Proper lubricant selection is extremely important for oilrecirculating rotary vane vacuum pumps to ensure the highest degree of reliability and the lowest operating costs.

We offer a selection of bearing grease, gear oil and synthetic oil to ensure a perfect fit for every application and pump type. Changing lubricants at the recommended intervals is one of the most important and easiest ways to achieve the best performance and longest life from your vacuum pump.



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Vacuum Pump Lubricants for R 530 - R 620



R 530

A highly refined hydrocarbon oil with a high viscosity index, this oil gives excellent lubricating performance where rust, oxidation, and/or high bearing and gear loading are not problems. It has excellent water separation and oxidation resistance. Generally used with R 5 series pumps. ISO 100.

R 540

A highly refined hydrocarbon oil with a high viscosity index, this oil gives excellent lubricating performance where rust, oxidation, and/or high bearing and gear loading are not problems. It has excellent water separation and oxidation resistance. Generally used with Huckepack series pumps. ISO 150.

R 550

This is a polyalphaolefin (PAO) synthetic hydrocarbon oil suited for lubricating gears and bearings operating in medium to severe duty conditions, including high temperatures and long oil servicing intervals. It has excellent oxidation and thermal stability, rust and corrosion protection, a low pour point and a high viscosity index. Generally used with Merlin ME and Mink MM series pumps. ISO 220.

R 568

Specially formulated synthetic flushing fluid capable of dissolving varnish and solubilizing sludge from lubricating systems. Contains oxidation and rust inhibitors. A high flash point and non-toxic nature ensures safety in its applications. Generally used with R 5 series pumps. ISO 68.

R 570

Polyalphaolefin (PAO) synthetic hydrocarbon oil, provides improved lubrication at high and low temperatures, compatibility with hydrocarbon oils and reduced volatility. It is a long life lubricant formulated with rust and oxidation inhibitors. Generally used with R 5 series pumps. ISO 100.

R 580

Polyalphaolefin (PAO) synthetic hydrocarbon oil, provides improved lubrication at high and low temperatures, compatibility with hydrocarbon oils and reduced volatility. It is a long life lubricant formulated with rust and oxidation inhibitors. Generally used with R 5 series pumps. ISO 68.

R 590

Hydrocracked, dewaxed, paraffinic oils specifically designed for long life under severe conditions. Characteristics include: very low vapor pressure, exceptional stability - oxidative, thermal, and viscosity - low evaporation loss, chemical resistant, rust and corrosion inhibited, and resistance to carbon buildup. Generally used with R 5 series pumps. ISO 100.

R 605

Synthetic food grade oil. Custom blended polyalphaolefin (PAO) synthetic hydrocarbon fluid for improved lubrication at high and low temperatures, reduced volatility, and compatibility with mineral oils and equipment designed for use with mineral oils. Generally used with R 5 series pumps. ISO 100.

R 610

Synthetic oil for standard and high vacuum applications that pump air, inert gases, noble gases, ammonia, weak-aggressive solvent fumes, hydrogen, silane, and up to 21% oxygen. Generally used with R 5 series pumps. ISO 100.

R 620

Fomblin® perfluorinated polyether fluids composed of fluorine, carbon, and oxygen only. They exhibit excellent heat stability and chemical inertness. It is non-toxic, nonflammable, non-reactive and has good wear properties at low and high temperatures. Generally used with R 5 series pumps. ISO 100.

- General Purpose
- High Temperature
- Chemical Resistant
- Oxidation Resistant
- Water Vapor Resistant
- High Vacuum
- Food Grade
- Oxygen Service

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