



# Klüber Summit Varnasolv

Compressor Varnish Cleaner

**KLÜBER**  
LUBRICATION

your global specialist

## Protect and optimise your compressors

Mineral oil-based compressor oils can cause lacquer-like residues and carbon build-up in oil-injected screw-type and rotary vane compressors that may form deposits in the entire oil circuit. This often results in increased energy consumption, increase temperature, clogged oil lines and filters, and high maintenance costs and downtime.

## Your requirements - our solution

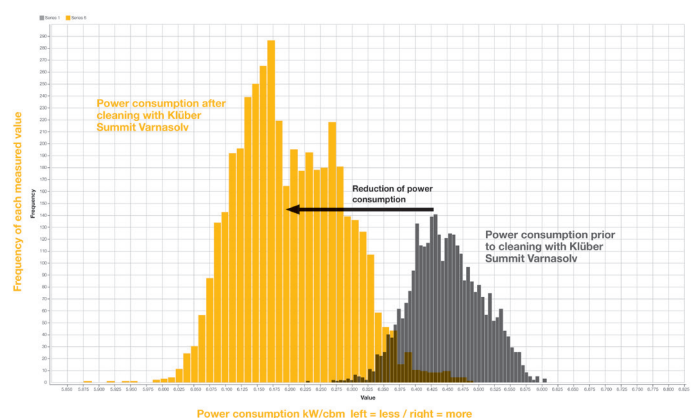
Klüber Summit Varnasolv is a fluid cleaning concentrate designed to dissolve sticky residues, varnish and carbon build-up during operation and keep them suspended in the oil.

It is a concentrated conditioner fluid containing synthetic ester oil and cleaning additives. It is miscible with mineral oils, synthetic hydrocarbons, ester oils and polyglycols. It is especially developed for cleaning rotary screw compressors, vane compressors, hydraulic systems, gears and other oil circulating systems.

**Cleaning the compressor increases its efficiency.**

## Your benefits at a glance

- Effective and time-saving cleaning during operation
- Reduced maintenance and down-time costs
- Reduced operating temperature of the compressor, resulting in reduced energy costs
- Optimised oil life after cleaning



The field test shows that power consumption decreased by 5% on average when using Klüber Summit Varnasolv

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## Easy compressor cleaning without downtime

Klüber Summit Varnasolv is a highly effective concentrated conditioner. Approximately 60 hours before an oil change is due, the conditioner is added to the oil fill in a concentration of 10%. While the compressor continues to operate, Klüber Summit Varnasolv dissolves the residues on the surfaces and keeps them in dissolved condition. The residues are then flushed out in the course of the oil change. This method is more effective than flushing the compressor with a normal compressor oil.

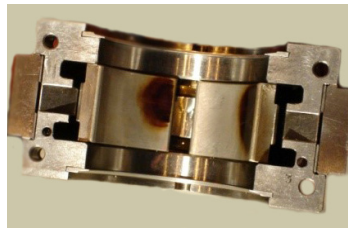
### Results:

Varnish and carbon residues removed with Klüber Summit Varnasolv

Before



After



### Good practice tips:

To protect and optimise your compressor, you should clean your compressors one to two times per year.

## Oil sampling and observation for residues

Oil samples collected after a cleaning operation. They are left for some time to observe for settlement of varnish and carbon.

### Cleaning:

Compressor oil mixed with Klüber Summit Varnasolv, after 36 hours in operation



### Outcome:

Carbon residual settlement found at the bottom

### After cleaning:

Fresh compressor oil after 2 hours



### Outcome:

Carbon residual settlement reduced significantly after cleaning

### Conclusion:

After only a short cleaning time with Klüber Summit Varnasolv, your compressor is clean again and runs reliably with the Klüber Summit oil.

It is our aim to offer you high-quality speciality lubricants and services around the globe along with the high technical competence Klüber Lubrication is known for. We meet this aim through our worldwide network of production and sales companies, and our highly specialised local experts are ready to respond to your individual requirements.

Contact our specialists now to learn more about our solutions or write an email to: [sales@sg.klueber.com](mailto:sales@sg.klueber.com)