



Lubricating Instructions for HATLAPA Compressors

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1. General

Moving parts must be lubricated reliably. Good lubrication oils increase the service life of the compressor.

Keep in mind that only the lubrication oil manufacturer knows his products throughout. Therefore, you should contact him when making your choice.

2. Lubrication Oil Quality

Above all, compressor oils must have good lubrication properties for which their viscosity is highly important. HATLAPA recommends lubrication oils with viscosities equal to SAE 30, but in no case must the viscosity be lower than 10 cSt at 100 °C:

viscosity at 100°C: min. 10 cSt max. 15 cSt

viscosity at 40°C: min. 90 cSt max. 120 cSt

The lubrication oils should have low tendency to aging and coking in order to prevent oil carbon deposits on valves and pipelines. HATLAPA recommends to use oils of class VDL according to DIN 51 506.

The use of synthetic oils is not recommended by HATLAPA.

3. Guarantee

If lubrication oils are used which do not meet the requirements, damage to the compressor may occur which is not covered by HATLAPA's guarantee obligations.

SUMMARY

- Use only branded lubricants of well-known oil companies.
- Ask only the lubricant manufacturer for his recommendation!
He is the expert.
- Viscosity limits:
viscosity at 100°C: min. 10 cSt max. 15 cSt
viscosity at 40°C: min. 90 cSt max. 120 cSt
- Oils of class VDL according to DIN 51 506 are recommended.