Wilhelmsen Ships Service

Last updated: 07/10/2026 10:30:00

KLÜBER SUMMIT NGL 888 (PAIL: 20 LTR)

Product group: **683** Product number: **210105**

Klüber Summit NGL compressor lubricants are based on polyalkylene glycols and special additives.



Product information

Klüber Summit NGL compressor lubricants are based on polyalkylene glycols and special additives. In high-pressure reciprocating compressors pumping natural gas or hydrocarbon-based process gas, petroleum based lubricants are easily absorbed into the gas stream and diluted by the gas. Klüber Summit NGL lubricants are extremely resistant to hydrocarbon dilution and gas stream absorption. The extremely high viscosity index of the product ensures efficient lubricity in a wide temperature range.

Features

- Designed for high pressure reciprocating compressors pumping natural gas, carbon dioxide or process gases (e.g. hydrogen, helium, nitrogen).
- Designed for all oil-lubricated components in reciprocating compressors, e.g. cylinder, high pressure packing, bearings, and engine.
- Please observe the manufacturer's viscosity specifications.
- Owning to its low pour point, it is also suitable in case of very low ambient temperatures.

Benefits

- For high pressure reciprocating compressors pumping natural gas, carbon dioxide or process gases
- Extremely resistant to hydrocarbon dilution and absorption and good chemical resistance to process gases
- Very high viscosity index, thus low viscosity change in a wide temperature range
- Very good wear protection for longer component lifetime
- Low residue formation for longer lifetime of valves and piston rings

Specification

General

Suggested Inventory Hazard Material classification	C-3

Physical properties

Appearance	Clear
Colour	Yellow
Density at 20°C [g/cm³]	approx. 1.07
Kinematic viscosity (without solvent), DIN 51562 pt 01/ASTM D-445/ASTM D 7042, 40°C [mm²/s]	approx. 40
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C [mm²/s]	approx. 220

Dimensions/Weight

Packing Size	20 LTR

Technical data

Shelf life [months]	36
Viscosity index, DIN ISO 2909	≥ 220

Performance data

Flash point, DIN EN ISO 2592, Cleveland, open-cup apparatus [°C]	≥ 250
Pour point, DIN ISO 3016 [°C]	≤ -33

Directions for use

The Klüber Summit NGL series is not miscible with mineral oil or PAO! If you wish to change over from mineral oil/PAO oils to the Klüber Summit NGL series, please observe our changeover instructions. Drain as much of the previously used compressor oil from the system as possible, making sure that the oil is drained while still warm. Do not forget to drain coolers, separator tanks and all lines. Afterwards clean or change the filter, then recharge with the Klüber Summit NGL operational lubricant. We recommend attaching a label indicating the type of lubricant used and the filling date to the filter or the cover. Due to the varying make-up of gases and operating conditions, please contact your local WSS representative for specific product recommendations.

Materials compatibility Klüber Summit NGL compressor lubricants have been designed to be compatible with NBR (share of acrylonitrile > 30%), EPDM, MVQ (silicone rubber), PTFE, polyurethane foams, as well as paints based on phenolic and epoxy resin. They should not be used with paints based on acrylic resin, polyurethane paints and plastic materials such as PVC, polycarbonate and ABS.

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