

## TECHNICAL DATA SHEET

# NEXT GPL MIN

## Mineral Gas Compressor Lubricant · 222 Series

NEXT GPL MIN is a hydrotreated mineral gas compressor lubricant with an advanced additive system designed for light hydrocarbon gas, sour gas, and natural gas infrastructure applications.

Its excellent water-separation characteristics and broad sour gas compatibility make it a reliable choice for wet gas streams, vapor recovery units, and gas turbine service at operating temperatures below 100 °C.

**APPLICATIONS**

- Light hydrocarbon gas compression
- Sour gas compression and acid gas injection
- Natural gas pipeline, storage, and gathering
- Vapor recovery compression
- Gas turbines

**GASES**

- Light hydrocarbon gases (methane, ethane, propane)
- Sour gas streams containing H<sub>2</sub>S
- Natural gas and associated gas
- Inert gases

**BENEFITS**

- Excellent lubricity and film strength across all viscosity grades
- Superior water separation for wet gas service
- Corrosion protection in sour gas environments (H<sub>2</sub>S)
- High oxidation stability for extended drain intervals
- Compatible with PAO and mineral-based compressor lubricants
- Meets DIN 51515-1 TD/TG requirements
- Meets ISO 8068 requirements

**TECHNICAL SPECIFICATIONS**

# Typical properties

ISO Viscosity Grade	32	46	68	100	150	170	220	320	460	680
Viscosity @ 40 °C (cSt)	31	45	66	101	150	170	220	320	460	680
Viscosity @ 100 °C (cSt)	5.2	6.65	8.6	11.5	15	17.1	20.4	26.4	34	44.5
Viscosity Index	97	98	101	102	106	107	107	108	109	110
Density @ 15 °C (g/cm <sup>3</sup> )	0.87	0.87	0.87	0.87	0.87	0.87	0.88	0.88	0.88	0.88
Pour Point (°C)	-45	-42	-39	-36	-30	-24	-18	-15	-12	-10
Flash Point (°C)	220	229	242	262	266	267	265	262	260	258
Copper Strip Corrosion (D130)	1a	1a	1a	1a	1a	1a	1a	1a	1a	1a
Rust Test (D665, Distilled H <sub>2</sub> O)	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass

**NOTE**

Values in this Technical Data Sheet are typical and do not constitute a specification. Manufacturing specifications are available on request. Routine oil analysis is recommended to assess the condition of the lubricant in service. Specifications are subject to change due to formulation or raw-material updates; always verify that this TDS is the most current version.