

**TECHNICAL DATA SHEET**

# NEXT GPL DE

## Diester Blend Gas Compressor Lubricant · 270 Series

NEXT GPL DE is a blend of diester and synthetic hydrocarbon base oils formulated for gas compression applications prone to excessive carbon and varnish deposits. The ester base oils provide inherent cleaning capabilities, actively dissolving and preventing deposit formation throughout the full service life of the lubricant.

Particularly effective in co-generation (methane recovery), biogas compression, and high-temperature hydrocarbon gas applications, GPL DE combines a food grade formulation with extremely low volatility, very low carryover rates, and excellent low-temperature fluidity across the full viscosity range from VG 32 to VG 150.

**APPLICATIONS**

- Hydrocarbon gas compression
- Biogas and biomethane compression
- Co-generation applications (methane recovery)
- High-temperature gas compression
- Applications prone to carbon and varnish buildup

**GASES**

- Hydrocarbon gases
- Biogas and biomethane
- Methane (co-generation)
- Process gases

**BENEFITS**

- Excellent carbon and varnish control
- Ideal for co-generation and biogas applications
- Food grade formulation
- Extremely low volatility and minimal carryover
- Excellent low-temperature fluidity
- Extended service life

**TECHNICAL SPECIFICATIONS**

# Typical properties

ISO Viscosity Grade	32	46	68	100	150
Viscosity @ 40 °C (cSt)	32	46	68	100	150
Viscosity @ 100 °C (cSt)	5.3	6.7	8.6	11.5	15.4
Viscosity Index	94	96	95	101	104
Density @ 15 °C (g/cm <sup>3</sup> )	0.89	0.89	0.89	0.89	0.89
Pour Point (°C)	-41	-38	-36	-33	-27
Flash Point (°C)	224	232	242	264	266

**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 in-service condition of the lubricant. Specifications are subject to change due to formulation or raw-material updates; always verify that this TDS is the most current version.