

DACNIS NG



COMPRESSOR
LUBRICATION



TOTAL

Synthetic blend natural gas compressor oil

APPLICATIONS

High output natural gas
compressor service
and low output CO2
compression

DACNIS NG is premium compressor oil for service in LPG and natural gas compressors. It is a synthetic blend that provides excellent stability and outstanding performance in high-output, natural gas compressors. It is compounded with multiple inhibitors including those for hydrogen sulfide, rust, corrosion and oxidation, and fortified with anti-wear additives and anti-foam.

DACNIS NG is recommended for propane and LPG compressors. It is also suitable as cylinder lubricants for gas compressors. Use at well head collectors and gas plants when the gas gravity is below 1. Use higher viscosity grade (ISO 150) if gas dilution is a problem. Liquid ring compressor systems require a special order lower viscosity grade of this product. The 150 grade can be used to compress CO2 at pressures up to but not exceeding 300 psi

SPECIFICATIONS

ISO 6743-3B classified DGA and DGB

ADVANTAGES

Performance under
Sour gas conditions

- Synthetic blend resists degradation and lowers oil consumption.
- Excellent protection against rust and corrosion.
- Inhibited against hydrogen sulfide
- Provides excellent protection against wear
- Economical alternative to full synthetic options
- Lowers maintenance cost compared to mineral based oil

TYPICAL CHARACTERISTICS—DACNIS NG

ISO grade	68	100	150
API gravity (ASTM D-1298)	31.5	30.8	30.0
Pounds/gallon	7.23	7.26	7.30
Viscosity cSt @ 40°C (ASTM D-445)	67	95	150
Viscosity Index (ASTM D-2270)	137	136	140
Pour point °F (°C) (ASTM D-97)	-27 (-33)	-25 (-32)	-22 (-30)
Flash point °F (°C) (ASTM D-92)	470 (243)	440 (227)	435 (224)
Foaming tendency, Seq. I, II or III (ASTM D 892)	Nil foam	Nil foam	Nil foam
4-ball wear scar, mm (ASTM D 4172) (1200 rpm, 167 °F, 40 kg)	0.51	0.70	0.60

TOTAL Lubricants USA Southwest

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