

# NGL-NS™

## Hydrocarbon Gas Compressor Oil



Beyond Synthetic™

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NGL-NS™ is a premium, synthetic lubricant specifically designed to increase the service life of reciprocating gas compressors in hydrocarbon service where sulfur-sensitive catalysts are present downstream of the compressor.

NGL-NS™ is virtually sulfur free and is formulated with dense, closely packed, synthetic molecules to greatly resist dilution from compressed hydrocarbon gasses. It is also extremely hydrophobic and rapidly separates from water, which protects bearings and other components from rust and corrosion. NGL-NS™ makes gas compressors run longer with minimum wear.

### Performance Advantages:

- **Greater Equipment Reliability and Safety**  
NGL-NS™ resists dilution from hydrocarbon gasses, thereby minimizing the potential for damaging drops in oil viscosity.
- **Rapidly Separates from Water**  
NGL-NS™ rapidly and completely separates from water.
- **High Oxidation Stability**  
The oxidation stability of NGL-NS™ protects the compressor from harmful deposits.
- **Ashless**  
NGL-NS™ is ashless to help keep compressor parts free from deposits.
- **Environmentally Responsible**  
NGL-NS™ components are TSCA listed and meets EPA, RCRA and OSHA requirements.

| Typical Properties*          | ISO Grade |      |      |       |      |
|------------------------------|-----------|------|------|-------|------|
|                              | 100       | 150  | 220  | 320   | 460  |
| Viscosity                    |           |      |      |       |      |
| cSt @ 40°C                   | 100       | 150  | 220  | 320   | 460  |
| cSt @ 100°C                  | 13.2      | 16.3 | 21.3 | 25.5  | 33.9 |
| SSU @ 100°F                  | 515       | 782  | 1153 | 1628  | 2447 |
| SSU @ 210°F                  | 72        | 85   | 107  | 126   | 166  |
| Viscosity Index              | 130       | 115  | 115  | 103   | 109  |
| Density, 60°F                |           |      |      | 0.865 | 0.87 |
| Flash °F                     | 400       | 395  | 370  | 450   | 460  |
| Fire °F                      | 475       | 510  | 470  | 520   | 530  |
| Pour Point °F                | -40       | -35  | -35  | -30   | -30  |
| D-1401 Demulsibility @ 180°F |           |      |      | Pass  | Pass |
| D-892 Foaming                |           |      |      | Nil   | Nil  |
| D-130 Copper Corrosion       |           |      |      |       |      |
| 24 hrs. @ 210°F              |           |      |      | 1A    | 1A   |
| D-665 Rust                   |           |      |      | Pass  | Pass |

\*All properties are typical and may vary.