

TECHNICAL PRODUCT SHEET

# HERCULES LP ISO 150



## DESCRIPTION

HERCULES LPG is a premium, fully synthetic gas compressor oil, formulated with specially selected poly-alkylene-glycol base stocks. It is suited for use in enclosed pattern compressors that operate in hydrocarbon- and chemical gas compression-subjected areas. The advanced fully synthetic formulation of HERCULES LPG offers reliable, long-term system protection through a combination of oxidation and corrosion inhibitor technologies.

## APPLICATIONS

HERCULES LPG is a very high performance synthetic gas compressor lubricant, designed for enclosed pattern gas compressors in natural gas (CNG), propane/butane (LPG), & other hydrocarbon & chemical gas-filled environments for crankcase and bearings to operate in. It is the case that the gas is readily soluble in mineral oil lubricants which, on dilution, suffer a significant drop in viscosity and lubricant performance.

## SPECIFICATIONS

ISO	6743-3 (ISO-L-DAA, ISO-L-DAB, IS-L-DAC)	
Meets:	Burckhardt Compression	Linde

## PROPERTIES

HERCULES LP is a synthetic lubricant specifically engineered for a wide range of gas compression applications. Its advanced formulation offers a high viscosity index and low volatility, ensuring consistent performance under varying operating conditions. The product provides excellent anti-foam characteristics, enabling rapid gas separation and effective foam suppression for reliable, efficient compressor operation.

## BENEFITS

HERCULES LP offers excellent resistance to gas solubility in mineral oils, ensuring low oil consumption for improved gas quality and reduced risk of fires or explosions. It provides superior protection against rust and wear, extending machine life and oil service intervals while enhancing overall operational safety and reliability.



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## PHYSICAL-CHEMICAL CHARACTERISTICS

HERCULES LP	METHOD	ISO 150/220
Density at 15°C, g/cm <sup>3</sup>	ASTM D4052	1.060
Viscosity, Kinematic (cSt) 40°C	ASTM D445	185
Viscosity, Kinematic (cSt) 100°C	ASTM D445	35.1
Viscosity index	ASTM D2270	>230
Flash point, COC, °C	ASTM D92	>290
Pour point, °C	ASTM D97	-42

The above mentioned characteristics represent mean values.

## STORAGE

All packages must be stored in covered, well-ventilated areas. If outdoor storage cannot be avoided, barrels must be placed horizontally to prevent water ingress and to protect labels and markings from damage. Products must not be stored at temperatures above 60 °C and must not be exposed to direct sunlight, freezing conditions, or extreme temperature fluctuations.



## HEALTH & SAFETY

This product is not considered to pose significant risks to health or safety when used as intended and in accordance with recommended personal hygiene practices. It must not be applied for purposes other than those for which it has been formulated. For detailed guidance on safe handling and use, refer to the Safety Data Sheet (SDS).



## USED OILS

Used lubricants must be collected at designated collection points to prevent environmental contamination. They must not be mixed with solvents, brake fluids, or antifreeze.

