



# INDUSTRIAL HERCULES LPG



## DESCRIPTION

HERCULES LPG is a premium, fully synthetic gas compressor oil, formulated with specially selected poly-alkylene-glycol basestocks. 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.

## CHARACTERISTICS-BENEFITS

CHARACTERISTICS	BENEFITS
Synthetic formulation, suitable for a wide range of gas compression operations.	Resists gas solubility with mineral oils
High viscosity index and low volatility.	Low oil consumption for better gas quality, reduced possibility of fires and explosion, extended machine life.
Excellent anti-foam properties; rapid gas separation and foam suppression.	Reduced rust, wear, extended oil service life.

## PHYSICAL-CHEMICAL CHARACTERISTICS

HERCULES LPG	METHOD	ISO 150/220
Density at 15°C, g/cm <sup>3</sup>	ASTM D1298	1,060
Viscosity, Kinematic (cSt) 40 <sup>0</sup> C	ASTM D445	185
Viscosity, Kinematic (cSt) 100 <sup>0</sup> 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.

## SPECIFICATIONS

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