

# PRIMERA LCG OIL



COMPRESSOR  
LUBRICATION



TOTAL

Natural gas compressor oil for sour gas using synthetic hydrocarbon technology

## APPLICATIONS

Compresses sour  
natural gas from landfills,  
refinery streams or wells

- **PRIMERA LCG OIL** is premium compressor oil for compressing hydrocarbon gases which contain reactive or corrosive impurities. It is formulated from 100% PAO synthetic oil and provides excellent stability and outstanding performance in high-output, natural gas compressors. **PRIMERA LCG OIL** contains no sulfur and is ester free.
- **PRIMERA LCG OIL** is compounded with multiple inhibitors including those for hydrogen sulfide, rust, corrosion and oxidation, and defoamant. The corrosion inhibitors to protect metal parts from rust and corrosion in the presence of corrosive or reactive gases.
- It resists hydrolysis issues encountered with most esters when used in an acidic environment. **PRIMERA LCG OIL** is suitable for use in certain chloride containing environments where mineral oil, esters or PAGs are not permitted.
- **PRIMERA LCG OIL** is recommended for rotary compressors that are fed hydrocarbon gases that contain reactive or corrosive gases. Such gases are encountered in landfills, refineries and chemical process plants.

## SPECIFICATIONS

ISO 6743-3B unclassified for land fill gas applications.  
Proven performance in Vilters land fill gas compressors

## ADVANTAGES

Designed for longer  
service intervals  
compressing landfill gases

- PAO based formula resists degradation from reactive corrosive gases and lowers oil consumption and maintenance costs
- Excellent protection against rust, corrosion, hydrogen sulfide and some other reactive gas contaminants.
- Avoids reactive by-products and solids from reactive gases
- Excellent thermal and oxidation stability
- Year around service

### TYPICAL CHARACTERISTICS PRIMERA LCG ISO 100

Specific gravity @ 60/60°F (ASTM D 1298)	0.838
Pounds/gallon	6.98
Viscosity @ 40°C, cSt (ASTM D 445)	110
Viscosity index (ASTM D 2272)	142
Pour point, °F (°C) (ASTM D 97)	-60 (-51)
Flash point °F (°C) (ASTM D 92)	530 (277)
Water soluble	No

TOTAL Lubricants USA Southwest

TOTAL Lubricants USA, Inc.

**PRIMERA LCG**  
Sheet updated: 9/2009

TOTAL Lubricants USA Southwest

TOTAL Lubricants USA, Inc.