



## Chemola™ Desco 111 (LT) Low Temp Hydrogen Sulfide Service

**Chemola™ Desco 111 (LT)** is designed for use in valves under arctic conditions (to -75 F). 111-LT is extremely resistant to hydrogen sulfide and will not mix with water, preventing freeze-up in the valve. Because it provides good metal protection and is particularly water resistant, it is the recommended lubricant for frac valves.

### Recommended Uses

Chemola™ Desco 111-LT can be used in the presence of diesel fuel, gas and well condensate, hydrogen sulfide, CO<sub>2</sub>, sour crude and standard crude. Recommended for frac valves.

### Recommended Clean Up Solvents

- ▶ Isopropyl Alcohol
- ▶ Ethyl Alcohol
- ▶ Methyl Alcohol
- ▶ Chlorinated Solvents
- ▶ Active Solvents (Esters, Ketones, etc.)

### Typical Characteristics

Appearance	Black, smooth
NLGI	1
Penetration (ASTM D217)	320-330
Worked Penetration, 60x (ASTM D217)	330-350
Base Oil	Synthetic hydrocarbon
Base Oil Viscosity	30 cSt at 40°C
Base Oil Pour Point	-80 °F (-62 °C)
Thickener	Inorganic
Additives	H <sub>2</sub> S/corrosion inhibitor
Solids Content	Graphite
Specific Gravity	0.8
Density (lb/gal)	6.9
Dropping Point (ASTM D566)	>500°F (260°C)
Flash Point	>470°F (243°C)
Temperature Range	-75°F to 350°F (-57°C to 177°C)
Four-Ball Wear (ASTM D2266)	0.7 mm
Four-Ball EP Weld Point (ASTM D2596)	160 kgf

**DO NOT USE ON OXYGEN SERVICE.**  
*Special packaging sizing available upon request.*

SOUTH COAST PRODUCTS

P.O. Box 450109 Houston, Texas 77245 [www.socousa.com](http://www.socousa.com)  
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Premium

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## Packaging Information

Item Number	Unit Size	Quantity
0825010CR	14 oz cartridge	10 per carton
0825010QB	10 lb can	
0825020BM	20 lb pail	
0825035BM	35 lb pail	
0825120KG	120 lb keg	
0825400DR	400 lb drum	

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