

LUBRICANTS**Desco 111 LT***Low Temp Hydrogen Sulfide Service*DESCRIPTION

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.

SERVICE RECOMMENDATIONS

Desco 111-LT can be used in the presence of diesel fuel, gas and well condensate, hydrogen sulfide, CO₂, sour crude and standard crude. Recommended for frac valves.

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 ₂ 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)	0.7mm
Four-Ball EP Weld Point (ASTM D2596)	160 kgf

PACKAGING INFORMATION

PART #	UNIT SIZE	CONTAINER
LL112200	14 oz. x 10	Cartridge
LL112010	10 lb	Can
LL112020	20 lb	Can
LL112040	35 lb	Pail
LL112120	120 lb	Keg
LL112400	400 lb drum c/w liner	Drum

DO NOT USE IN OXYGEN SERVICE.

