



Chemola™ Desco Polymel 422

Enhanced Hydrocarbon Service

Chemola™ Desco Polymel 422 now has enhanced hydrocarbon resistance with a specially formulated polymeric lubricant base and unique combination of solid additives. Polymel 422 offers superior metal adhesion under the most demanding conditions, temperatures and pressures. This new formulation has advanced corrosion inhibitors for increased resistance to oxidation. Because it is resistant to acids and alkalis it will not wash out during pipeline maintenance. Polymel 422 can be used as a coating on metal surfaces to protect from acidic environments.

Chemola™ Desco Polymel 422, with its wide temperature range, superior adhesion and chemical resistance covers the widest range of applications. It performs excellently with gate, plug and ball valves throughout oil and gas production operations, pipelines and petrochemical plants.

Recommended Uses

Chemola™ Desco Polymel 422 can be used with acids, sour crude and gas, alkalis, aliphatic hydrocarbons, butane, gasoline, hydrofluoric acid, jet fuel, kerosene, natural gas, diesel, salt water, sand slurries, condensates and propane.

Typical Characteristics

Appearance	Black
NLGI	2
Penetration (ASTM D217)	280-310
Worked Penetration, 60x (ASTM D217)	280-310
Base Oil	Synthetic blend
Base Oil Viscosity	2,800 cSt at 80°C
Thickener	Inorganic
Solids Content	Molybdenum disulfide, graphite
Specific Gravity	1.3
Density (lb/gal)	11.0
Dropping Point (ASTM D566)	>500°F (260°C)
Flash Point	>300°F (149°C)
Temperature Range	-20°F to 600°F (-29°C to 316°C)
Resistance to Water (FTM 5415)	Pass
Resistance to 50% Ethanol in Water (FTM5415)	Pass
Resistance to Synthetic Condensate (FTM 5415 mod)	Pass
Resistance to Mineral Spirits (FTM 5415 mod)	Pass
Resistance to 20% Hexane in Mineral Spirits (FTM 5415 mod)	Pass
Resistance to Diesel Fuel (FTM 5415 mod)	Pass

***FOR USE IN GATE, BALL AND PLUG VALVES.**

; 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
Tel: (713) 225-0048 (800) 535-5823 custserv@socousa.com

Premium

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Packaging Information

Part Number	Item Number	Unit Size	Quantity
420J-01-IA	042216JBX	"J" stick 1-3/8" x 8-1/2"	16 per box
420K-01-IA	042212KBX	"K" stick 1-1/2" x 10-1/2"	12 per box
4201-01-IA	0422010CN	10 lb can	
	0422020BP	20 lb pail	
4204-01-IA	0422040BM	40 lb pail	
	0422120KG	120 lb keg	
	0422400DR	400 lb drum	

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