

Desco Polymel 422 is a premium performance lubricant for use in alkylation processes using hydrofluoric acid. Polymel 422 contains a specially formulated polymeric lubricant base and unique combination of solid additives that offers superior metal adhesion under the most demanding conditions, temperatures and pressures. Polymel 422 has advanced corrosion inhibitors for increased resistance to oxidation. Because of its performance with acids and alkalis it resists wash out during maintenance.

Desco Polymel 422, with its wide temperature range, superior adhesion and chemical resistance covers a wide range of applications. It performs excellently with gate, plug and ball valves designed for use in petrochemical plants.

Recommended Uses

DESCO Polymel 422 can be used with acids, sour crude/gas, alkalis, salt water, sand slurries and condensates. Polymel 422 can be used as a coating on metal surfaces to protect across a wide pH range.

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.

Desco Polymel 422

Enhanced Hydrocarbon Service

Packaging Information

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

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SOUTH COAST PRODUCTS

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Premium