



Chemola™ Desco Polymel 410

Catalytic Alkylation Service

Chemola™ Desco Polymel 410 is an improved formulation for hydrocarbon resistance. It is formulated with a polymeric lubricant base to enhance high and low temperature performance and hydrocarbon resistance along with resistance to strong acids and bases. Performance is improved in the fringe temperature applications.

Recommended Uses

Polymel 410 is the standard lubricant for use in alkylation processes using hydrofluoric acid. It is also recommended for use with the following: acids, alkalis, aliphatic hydrocarbons, butane gasoline, hydrofluoric acid, jet fuel, kerosene, natural gas and propane. It can be used as a coating to protect metal surfaces from acidic environments.

Typical Characteristics

Appearance	Purple, smooth, tacky
NLGI	2-3
Penetration (ASTM D217)	230-280
Worked Penetration, 60x (ASTM D217)	230-280
Base Oil	Synthetic blend
Base Oil Viscosity	2800 cSt at 80°C
Thickener	Inorganic
Specific Gravity	1.1
Density (lb/gal)	9.5
Dropping Point (ASTM D566)	>500°F (260°C)
Flash Point	>300°F (149°C)
Temperature Range	-20°F to 450°F (-29°C to 232°C)
Resistance to Water (FTM 5415)	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

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
410B-01-IA	081372BBX	"B" stick 3/8" x 1-1/2"	72 per box
410C-01-IA	081332CBX	"C" stick 7/16" x 2-1/8"	32 per box
410D-01-IA	081328DBX	"D" stick 1/2" x 2-1/4"	28 per box
410G-01-IA	081314GBX	"G" stick 5/8" x 3-1/2"	14 per box
410J-01-IA	081316JBX	"J" stick 1-3/8" x 8-1/2"	16 per box
410K-01-IA	081312KBX	"K" stick 1-1/2" x 10-1/2"	12 per box
410Z-01-IA	0813010CR	14 oz cartridge	10 per carton
4101-01-IA	0813010QB	10 lb can	
4102-01-IA	0813020BM	20 lb pail	
4104-01-IA	0813040BM	40 lb pail	
4110-01-IA	0813120KG	120 lb keg	
4140-01-IA	0813400DR	400 lb drum	

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