



PROCOR CHEMICALS, INC.



Technical Data Sheet PRO Slide

DESCRIPTION

PRO Slide is a Synthetic Based Drilling Fluid Lubricant. PRO Slide is environmentally friendly, non-hazardous, non-toxic, and formulated with inert, non-reactive polymers and special additives, which provides both extreme pressure (metal-to-metal) and borehole (metal-to-formation) lubricity. PRO Slide gives improved fluid loss and enhanced shale inhibition. PRO Slide is completely compatible with muds containing high hardness, divalent ion concentrations (i.e. lime muds), will not "grease out" regardless of hole conditions.

TYPICAL PROPERTIES

Appearance	Brown liquid					
Specific Gravity g/cc	0.86 – 0.88					
pH, 1% in water	~7.0					
LC 50, ppm*	>575,000 ppm					
Pour Point, °F**	-24					
Viscosity, cps	60 °F	50 °F	40 °F	35 °F	30 °F	25 °F
	70.1	85.0	115.7	135.1	170.3	205.1

*48 hour rangefinder test in Gen 7 mud

** Indicated from viscosity testing in a 400 ml beaker over a solution of dry ice/IPA/saltwater

PERFORMANCE DATA

Parameter	Coefficient of Friction	Film Strength
Untreated Base Mud	0.20	20,000 PSI
1% Pro slide Added	0.14	21,500 PSI
3% Pro Slide Added	0.125	31,000 PSI

†COF = Coefficient Of Friction; Untreated Bentonite/polymer 10ppg base mud coefficient of friction 0.32 using Baroid Lubricity Tester

COMPARISON TO OTHER G&S LUBRICANTS

	SG, g/cc	pH, 1% in H2O	COF	Film Strength
LUBE "B"	0.92 – 0.97	9 – 10	0.15 (@2%)	11,800 psi
LUBE "X"	0.92 – 0.97	9 – 10	0.11 (@10%)	13,200 psi

† COF = Coefficient Of Friction; COF and Film Strength calculated using Gen 7 mud as test matrix

PACKAGING

PRO Slide is packaged in 55 gal. drums/ 275 gal. tote tanks/550 gal. tote tanks.