



IPC SYSTEM 9A

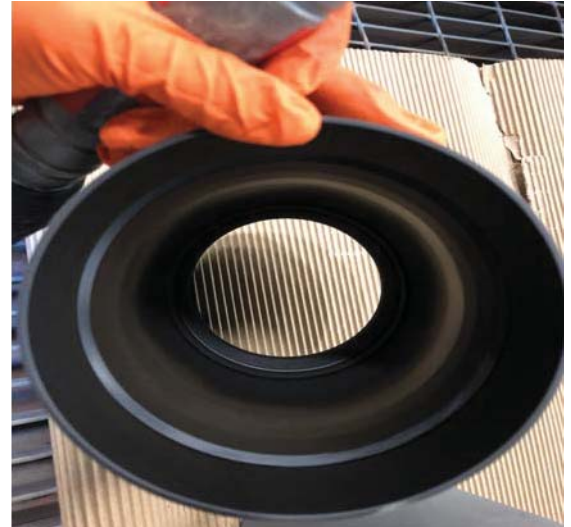
A thermally cured PTFE/MoS₂ based solid film lubricant that is designed to provides the highest level of corrosion protection, release & functionality for lighter load application.

- ➔ Thermally cured PTFE/MOS₂ based solid film lubricant.
- ➔ Excellent corrosion and wear resistance.
- ➔ Very good wear resistance.
- ➔ Very good chop resistance.
- ➔ Ideal for lighter load application.

Specific Advantages:

- ➔ Thin film lubricant.
- ➔ For uses between -100°F to 400°F.
- ➔ Load Carrying capacity of up to 40,000 Psi.
- ➔ Can be applied on top of zinc phosphate to enhance corrosion resistance.

PROPERTY	ASTM	UNIT	RATING
Salt Spray Resistance	B-117	Hours	>500
Maximum Use Temp	Continuous	°F/°C	400/204
Coefficient of Friction	D1894	static	0.5
Coefficient of Friction	D1894	kinetic	0.04 - 0.06
Hardness	D3363	Pencil	-
Taber Abrasion	D-4060	-	Excellent
Endurance	D-2714		n/a
Flexural Modulus	D790	MPa	n/a
Dielectric Strength	D149	V/m	n/a
Surface Resistivity	D257	Ω/sq	n/a
Water Absorption	D570	%	n/a



Successful Applications:

IPC's thin film coatings have been successfully applied to the wetted parts of a wide array of oilfield components which are subject to severely corrosive environments. Components such as valves, fittings, pipe spools, down hole completion tools etc. are some examples of what we can do.

IPC has proven coatings for severe service conditions for various applications (injection wells, brine service, CO₂/H₂S service), in the most corrosive fields in Western Canada - Judy Creek, Brintnell, Pelican Lake, Redwater, the Bakken Play, the Cardium Play, Horn River, Provost, Winter, and Zama.



Proven Solutions. Extreme Performance.

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