



# IPC SYSTEM 9B

A multi-coat system of solvent-based lubricants that are designed to provide an excellent combination of corrosion resistance and lubricity that works best in heavy-duty industrial and petrochemical industry.

- Special bonded two-layer solid film lubricant.
- Superior corrosion resistance.
- Prevents galling and seizing.
- Outstanding wear and chemical resistance.
- Extreme toughness & durability.
- Ideal for higher load carrying applications.
- Option - apply primer alone to comply with RoHS regulation.

### Specific Advantages:

- Thin film lubricant.
- For uses between -100°F to 400°F.
- Load Carrying capacity of up to 250,000 Psi.
- Can be applied on top of zinc phosphate to enhance corrosion resistance.



PROPERTY	ASTM	UNIT	RATING
Salt Spray Resistance	B-117	Hours	>2500
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, CO<sub>2</sub>/H<sub>2</sub>S 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.

www.ipccoatings.com Sherwood Park TF 800 856 4959