IPC SYSTEM 7A

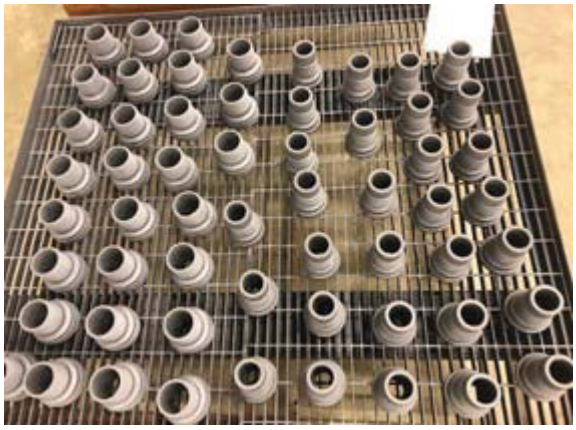
Thermally cured MOS_2/Graphite coating designed to provide lubrication in higher temperature environments.

- High temperature solid film lubricant for anti-galling.
- Excellent resistance to solvents and lubricating oil.
- Withstand a range of temperature from cryogenic to 750°F.
- Ideal for medium load carrying application
- Option - IPC System 7B.
  - An MOS_2 based solid film lubricant designed

PROPERTY	ASTM	UNIT	RATING
Salt Spray Resistance	B-117	Hours	24 - 48
Maximum Use Temp	Continuous	°F/°C	750/399
Coefficient of Friction	D1894	static	0.5
Coefficient of Friction	D1894	kinetic	0.02 - 0.04
Hardness	D3363	Pencil	2B
Taber Abrasion	D-1044	Cycles/1000	6.4
Endurance	D-2714	72rpm, 21 lbs. load	257k cycles
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

Specific Advantages:

- Thin film lubricant.
- For uses between -300°F to 750°F.
- Load Carrying capacity less than 100,000 psi.
- Formulated for the heavy-duty industrial and petrochemical applications.



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_2/H_2S 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.

IPC™
Integrated Protective Coatings Inc.
Proven Solutions. Extreme Performance.
www.ipccoatings.com Sherwood Park TF 800 856 4959