



VALVE - LUBE SEALANT SPECIFICATION SHEET

1. **Scope:** Valve lube sealant specifications.

2. **Ordering Options:**

Val-Tex Part Number: 80-HM stick in B, C, D, G, J, K and V

80-HM-S bulk in P Packs, P-4 packs, 10 lb. can, 40 lb. pail, 120 lb. drum, and 440 lb. drum

3. **Requirements:**

3.1 General: This biodegradable lube sealant is developed to have resistance to mineral oils, light hydrocarbons, LPG's and most aromatics. It is also water resistant. Its heavy viscosity makes it an excellent performer where there are high differential pressures across the valve. The moly-disulfide provides additional lubricity for reduced operating torque. Intermingling of Val-Tex No. 80-HM and other lubricants or sealants should not produce any adverse affect. Please consult the factory with any specific questions.

3.2 Physical Characteristics:

Worked Penetration at 77° F - ASTM D-217

- a. Bulk: 174 typical
- b. Stick: 77 typical

Dropping Point - ASTM D-566

- a. Bulk: over 580° F typical
- b. Stick: over 580° F typical

National Lubricating Grease Institute Consistency Number

- a. Bulk: 3 to 4 typical
- b. Stick: Greater than 6 typical

Temperature Range for Proper Lubrication

- a. Bulk: -20° F to +500° F typical
- b. Stick: -20° F to +500° F typical

Color - Black

4. **Reference Standards and Specifications:**

ASTM D 217 Cone Penetration of Lubricating Grease

ASTM D 566-64 Dropping Point of Lubricating Grease