

# PRODUCT INFORMATION

## SYNTHETIC VALVE LUBRICANT/SEALANT DSI-700

**\*\* This product has no molydysulphide or graphite. \*\***

**\*\* This product has withstood stringent testing in a high condensate, high pressure, high temperature environment. \*\***

DSI-700 is a **Superior** valve lubricant/sealant which reduces friction during operation of valves.

DSI-700 allows valves to turn easily, thereby extending their lifetime and performance.

### Service Recommendations:

DSI-700 is resistant to solvents and chemicals including hydrogen sulphide, crude oil, diesel, carbon dioxide, hydrochloric acid, brine, water and condensates, as well as drilling mud's. It is waterproof and will not harden. DSI-700 Synthetic Valve Lubricant adheres to metal assuring protection against rust and corrosion.

### Benefits:

- Superior sealing ability
- Non melting and non hardening
- Rust, Corrosion and oxidation preventive
- Resists hydrogen sulphide, crude oil, oilfield brine water, diesel and sea water
- Insoluble in water
- Services temperatures - 0<sup>o</sup>F to +350<sup>o</sup>F ( -18<sup>o</sup> C to +177<sup>o</sup> C )
- Will not wash out**

### Application:

DSI-700 can be applied using an air operated lubrication pump, a hand held grease gun. It is too viscous to use with a volume bucket pump.

### Recommended use:

By valve manufacturers, valve refurbishers, pipeline and wellhead companies, refineries, chemical processing plants and LNG plants.

**Packaging:** 40 Lb pails  
"J" Sticks

**For Industrial Use Only**

**Product Manufactured in USA**

Perth, Western Australia

61-8-9470 2608 Facsimile

# PRODUCT CHARACTERISTICS

## SYNTHETIC VALVE LUBRICANT/SEALANT DSI-700

|  |                 |
|--|-----------------|
| Colour   | Light Green     |
| Texture  | Extremely Tacky |
| Thickener  | Inorganic       |
| Density lb/gal, @ 77°F                                   | 11.06           |
| Specific Gravity @ 77°F                                  | 1.33            |
| Dropping Point, ASTM D-2265                              | >500°F          |
| Flash Point, ASTM D-92                                   | 450°F           |
| Penetration, ASTM D-217 worked @ 77°F                    | 355-385         |
| NLGI Grade   | 0               |
| Base Oil Viscosity                                       | 80,000 @ 25°C   |
| Corrosion Preventative Properties,<br>ASTM D1743 @ 100°F | Pass            |
| Oil Separation, ASTM D-1742 @ 77°F                       | 0%              |

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