



Technical data sheet

LubriValve HV™

LubriValve is a revolutionary, semi-fluid valve sealant grease formulated with a unique synthetic polyphenyl ether base oil and micronized PTFE for exceptional high-temperature performance, extreme pressure protection, and outstanding water and steam resistance. Ideal for demanding applications in power generation, petrochemical, and pulp & paper industries.

Applications:

High-temperature valve applications requiring extended service life and exceptional wear protection (up to 400°F).

Harsh environments with exposure to water, steam, acids, bases, and solvents.

Sour gas (H₂S) service where conventional lubricants fail.

Demanding applications in power generation, petrochemical, pulp & paper, and other industries.

Benefits:

Extended service life: Reduces maintenance frequency and costs.

Exceptional wear protection: Minimizes valve wear and tear, promoting smooth operation and extending valve life.

Superior water and steam resistance: Prevents lubricant washout and ensures reliable performance in wet environments.

Broad chemical resistance: Handles a wide range of acids, bases, and solvents, reducing the need for specialized lubricants.

H₂S compatibility: Performs reliably in sour gas environments where other lubricants fail.

Multi-valve compatibility: Safe for use in gate, ball, and plug valves.

Safety Information:

Always consult the Safety Data Sheet (SDS) before using LubriValve.

Wear appropriate personal protective equipment (PPE) when handling the product.

Avoid contact with skin and eyes.

Store in a cool, dry place away from heat and open flames.





Property	Description
Base Oil	Synthetic polyphenyl ether
Temperature Range	-40°F to 400°F (-40°C to 204°C)
NLGI Grade	1+ (Semi-fluid)
Thickener	Clay-based thickener
Dropping Point (ASTM D566)	>540°F (282°C)
Flash Point (PMCC)	>600°F (315°C)
Four-Ball EP Weld Point (ASTM D2596)	>250 kgf
Penetration (ASTM D217)	280-350
Worked Penetration, 60x (ASTM D217)	270-340
Antioxidant Package	Proprietary, High-Temperature Resistant Blend
Solids Content	Micronized PTFE & Metal-free Graphite
Specific Gravity	1.05
Water Washout Resistance	Excellent
Steam Resistance	Superior
Chemical Resistance	Broad spectrum, including harsh acids, bases, and solvents

PACKAGING SIZES

10 lb can
20 lb pail
40 lb pail
120 lb keg
400 lb drum
SPECIAL PACKAGING AVAILABLE UPON REQUEST

