



Clare 601 Valve Lubricant

Premium gate valve lubricant (hydrocarbon resistant)

[FEATURES]

- Fully synthetic grease compound, provides an integral lubricating film between the valve gate and seat
- Specially formulated to provide optimum resistance to aggressive produced fluids and gases and process chemicals (e.g. H₂S, CO₂, condensates and other hydrocarbon solvents, crude oil and natural gas)
- Developed in conjunction with Valve OEMs and international field operators
- Field-tested and proven to reduce valve failure, especially in sand service.
- Adhesive texture ensures maximum retention in the valve cavity and minimizes the amount of lubricant removed during cycling under high differential pressure
- Inject into valves which require an operational sealant, (e.g. McEvoy gate valve) for long term high pressure sealing properties without hardening

[APPLICATIONS]

- Withstand the high interfacial contact stress between gate & seat surfaces.
- Displace corrosive chemicals and fluids from the valve cavity and retains in valve cavity for lubricity
- Provide a barrier to prevent further ingress of contaminants
- Extended re-lubrication intervals when compared with many other valve lubricants
- Fewer unplanned maintenance interventions and reduced non-production time (NPT)
- Maintaining valve integrity and reducing equipment maintenance cost

PRODUCT CODE	PACKING SIZE
601 - 18	18KG PAIL
601 - 180	180KG DRUM



CLARE 601 - HYDROCARBON RESISTANCE

A fundamental requirements of a valve lubricant is resistance to liquid and gas phase hydrocarbons.

Experiment with Clare Lubricant 601



A sample of each lubricant is applied to a metal plate, and then placed within a container of hydrocarbon fluid.

Experiment with Standard Valve Lubricant





Clare 701L Valve Sealant

Premium gate valve sealant

[FEATURES]

- Design as Corrective Maintenance solution to severely leaking gate valve
- Fully resistant to all types of produced hydrocarbons, and also to high levels of H₂S and CO₂
- Tested on API 6A Gate Valve with a severely damaged seat component (cut depth of 0.75mm) and 701-L was able to hold 5,000 psi (pressure limit of the valve)
- Extends cavity retention with 701's physical texture and high metal adhesion
- Enhanced lubricating property protects the sealing surfaces during further functioning of the valve under high differential pressure

[APPLICATIONS]

- Used to seal and temporarily stop leakage of severely leaking valves, usually caused by heavily corroded, damaged sealing surface
- May also be used for emergency sealing for Ball & Plug valves, but elastomer compatibility with 701-L must be checked first

SPECIFICATIONS

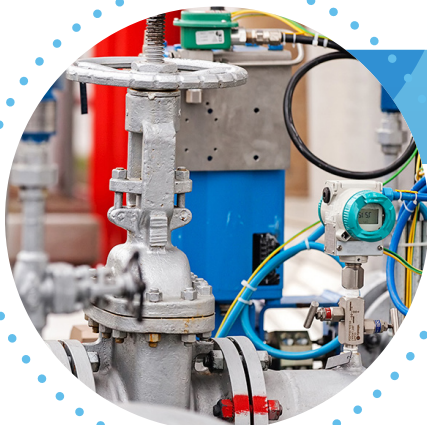
THICKENER	BENTONE
PENETRATION (25°C)	270 - 295
TEXTURE	SMOOTH
BASE OIL VISCOSITY (40°C)	192CST
VISCOSITY INDEX	96
COPPER CORROSION (IP112)	PASS
MEANHERTZ LOAD (IP239)	80
POUR POINT	- 9°C

PRODUCT CODE | PACKING SIZE

701L - 18	18KG PAIL
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OIL & GAS

CLARE LUBRICANTS



Clare G.P Valve General purpose valve lubricant

[FEATURES]

- Valve lubricant Incorporation of lubricating solids combined with high film strength based oil
- Cost effective and outstanding performance across wide variety of service equipment
- Non-melting and water repellant
- Does not contain harmful or volatile solvents

[APPLICATIONS]

- General purpose lubricant for gate valve applications
- Ideal as lubricant for standard serve valve
- Could also be used as temporary storage corrosion protection for internal gate and seats

SPECIFICATIONS

THICKENER	BENTONE
WORKED PENETRATION (25°C)	285 - 295
SOLIDS CONTENT	3% MIN
BASE OIL VISCOSITY (40°C)	949 CST
VISCOSITY INDEX	75
WORKING TEMP. RANGE	10°C TO 140°C

PRODUCT CODE | PACKING SIZE

GPV - 18	18KG PAIL
GPV - 180	180KG DRUM



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OIL & GAS

CLARE LUBRICANTS



Clare H.L Lube

High performance general purpose lubricant

[FEATURES]

- A soft lubricant with high molybdenum disulphide content
- Unique formulation made with high viscosity and viscosity index (V.I)
- Ensures improved sealing whilst providing lubrication on metal surface-to-surface contact
- Reduces risk of seizure, fretting and wear and permits easy assembly of parts

[APPLICATIONS]

- Ideal as lubrication under high shock and load applications
- Enhanced properties to suit wide range of application and arduous conditions, such as:
 - a. Body filler in gate valves
 - b. Running of slides, guides
 - c. Plain bearings and gears

SPECIFICATIONS

THICKENER	BENTONE
WORKED PENETRATION (25°C)	270 - 295
TEXTURE	SMOOTH
BASE OIL VISCOSITY (40°C)	192 CST
VISCOSITY INDEX	96
COPPER CORROSION (IP 112)	PASS
MEANHERTZ LOAD (1P 239)	80
POUR POINT	- 9°C

PRODUCT CODE | PACKING SIZE

H.L.L - 125	125KG PAIL
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OIL & GAS

CLARE LUBRICANTS



Clare L.T Valve Low temperature valve lubricant

[FEATURES]

- Silica-based lubricant with graphite added lubricant, designed for cold weather environments
- Unique pseudo-plasticity when sheared, breaks the gel and allows ease of movement; but on cessation of shear, immediately recovers its original viscosity
- Non-melting and stable
- Does not contain harmful or volatile solvents

[APPLICATIONS]

- Designed for valve applications at extremely low temperatures, where pumpability and lubricant hardening is an issue
- Ideal especially for wells that have been shut down for long

SPECIFICATIONS

THICKENER	SILICA
WORKED PENETRATION (25°C)	265 - 295
BASE FLUIDS	SYNTHETIC
BASE OIL KINEMATIC VISCOSITY (40°C)	30 CST
BASE OIL POUR POINT/POUR POINT	- 60

PRODUCT CODE | PACKING SIZE

LTV - 125	125KG PAIL
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