



Liquid-O-Ring®*

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PRODUCTS SERVING INDUSTRIES WORLDWIDE

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506SYN

SYNTHETIC SEMI-LIQUID PACKING

Made with LIQUILON®

ANTI-SEIZE/EXTREME
TEMPERATURE
COMPOUNDS

CLEANERS &
DEGREASERS

MULTI-PURPOSE
GREASES

PIPE COATINGS

PIPE STORAGE
COMPOUNDS

PUMP PACKINGS

RUST AND CORROSION
INHIBITORS

SPECIALTY FLUIDS

SPECIALTY LUBRICANTS

SPECIALTY SEALANTS

SPECIALTY OILS
& ADDITIVES

THREAD COMPOUNDS
(DRILLING/TOOL JOINT,
TUBING/CASING)

THREAD LOCKING
COMPOUNDS

THREAD SEALANTS

VALVE LUBRICANTS,
SEALANTS AND
CLEANERS

WIRELINE GREASES
& LINE SPRAYS

PRODUCT DESCRIPTION

506SYN Synthetic Semi-Liquid Packing is made with LIQUILON®*. Commercially known as Teflon**, LIQUILON®* is a solid film lubricant that plates metal surfaces and provides the lowest coefficient of friction of any material available today. Use 506SYN product to eliminate downtime in centrifugal, reciprocating, polish rod, and valve stuffing boxes. Semi-Liquid Packing 506SYN provides superior sealing and lubrication while repairing scored, pitted, and damaged shafts with constant use. Semi-Liquid Packing 506SYN is designed especially for close tolerances up to 0.010 inch clearance.

BENEFITS

- Packs any size stuffing box
- Seals, lubricates, and helps repair scored and pitted shafts
- Eliminates downtime

APPLICATION

Supplemental method:

For stuffing boxes not equipped with a lantern ring or injection hole, Semi-Liquid Packing 506SYN may be directly applied to conventional packing. Initial application method:

For stuffing boxes with injection hole, pack pump with conventional packing, centering a modified lantern ring in line with the injection hole while equipment is running. On low pressure pumps, screwtype injector may be used.

TYPICAL OBSERVATIONS

Color	Green
Texture	Grainy, rough paste
Density, lb/gal @ 77°F (25°C)	11.0
Specific Gravity @ 77°F (25°C)	1.32
Flash Point, ASTM D-92	440°F (226°C)
Dropping Point, ASTM D-2265	>500°F (>260°C)
Penetration,	
ASTM D-217 worked @ 77°F (25°C)	175
Evaporation Loss,	
ASTM D-972 @ 210°F (98.8°C)	0.13%
Oil Separation,	
ASTM D-1742 @ 77°F (25°C)	Nil
Oxidation stability, ASTM D-942	
@ 210°F (98.8°C), 72 hrs. PSI Loss	3
Shelf Life (unopened container)	Two years



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