



252

LIQUI-LOK ZINC-FREE Thread-Locking Compound

PRODUCT DESCRIPTION

A zinc-free, thread locking compound, 252 Liqui-Lok Zinc-Free is specially formulated to replace the welding of casing joints and threaded connections. This two-part epoxy compound is easily mixed under wide range of temperatures due to its workable consistency. 252 Liqui-Lok Zinc-Free is unaffected by vibration, pounding, or expansion due to temperature changes. It withstands high break-out torque and provides a leakproof seal.

BENEFITS

- Zinc-free
Environmentally friendly in cured form
Mixes easily
Workable consistency in excess of one hour
Water resistant
Oxidation resistant
Withstands high break-out torque
Provides a leakproof seal and strong permanent bond
Self lubricating
Unaffected by vibration, pounding or temperature
Excellent adhesion

APPLICATION

- 1. Thoroughly clean male and female threads to remove all thread dope, oil, and grease.
2. Dry threads completely prior to application of 252 Liqui-Lok Zinc-Free.
3. Thoroughly mix contents of can; add entire bottle of hardener and continue mixing until completely uniform.
4. When used in conjunction with float equipment, apply 252 Liqui-Lok Zinc-Free to male threads using a putty knife or spatula.
5. Make up joints final torque without delay.

NOTE

Setting action begins immediately after addition of the hardener. The mixture will remain in a workable consistency from 45 minutes to 2 hours under average conditions. Curing time may be reduced by elevating the temperature up to 250°F (121°C) or increased by lowering the temperature. The cure seal may be broken out by heating the joint to >550°F (287.8°C). Wet joints or high moisture conditions may affect curing ability.

TYPICAL OBSERVATIONS 252

Table with 2 columns: Property and Value. Includes rows for Chemical Family (Epoxy Polymer Resin), Color (Gray), Appearance (Paste), ASTM Penetration @ 77°F (25°C) (355-365), Type Curing (Thermo Curing), Density, lb/gal (13.05-13.55), Specific Gravity @ 25°C (1.563-1.623), Flash Point (>400°F (>204°C)), Solubility in Water (Insoluble), Friction Factor (1.3), Shelf Life (unopened container) (Four years).

TYPICAL OBSERVATIONS 252 Hardener

Table with 2 columns: Property and Value. Includes rows for Appearance (Liquid), Color (Pale Straw Colored), Odor (Aminic), Density, lb/gal @ 77°F (25°C) (8.51), Specific Gravity (1.02), Solubility in Water (Appreciable (>10%)), Percent Volatile (Nil), Flash Point (>200°F (>93°C)).

COVERAGE CHART

(FOR 1 POUND KIT)

Table with 2 columns: PIPE SIZE and NO. OF JOINTS. Lists pipe sizes from 4 1/2" to 16"-20" and corresponding joint counts from 20 to 2.

(FOR 1/2 POUND KIT)

Table with 2 columns: PIPE SIZE and NO. OF JOINTS. Lists pipe sizes from 4 1/2" to 16"-20" and corresponding joint counts from 10 to 1.

RELATED PRODUCTS

250 Liqui-Lok Thread Locking Compound

- GEAR OILS
MOTOR OILS
HYDRAULIC OILS
PIPE COATINGS
THREAD SEALANTS
BEARING GREASES
SPECIALTY GREASES
THREAD COMPOUNDS
SUCKER ROD COATINGS
OUTSIDE PRESERVATIVES
WIRELINE GREASE SEALS
CLEANERS & DEGREASERS
PIPE STORAGE COMPOUNDS
RUST & CORROSION INHIBITORS
THREAD LOCKING COMPOUNDS
VALVE LUBRICANTS & SEALANTS
TOOL JOINT & DRILL COLLAR COMPOUNDS



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