105EU

THREAD SEALANT

Made with LIQUILON®

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

PRODUCT DESCRIPTION

105EU Thread Sealant is used extensively in the petroleum industry on all tubing, casing, and line pipe. It is designed for application on coarse, badly corroded and special threads where seal rings are required. 105EU Thread Sealant is applicable to all types and sizes of threads. It facilitates smoother connection makeup and break-out on pipe threads including fiberglass, stainless steel, aluminum, plastic, iron and special alloy. Other industries such as refineries, factories, shipyards, power plants, food processing plants, and building contractors have found unlimited applications for 105EU Thread Sealant.

Another unique feature of 105EU Thread Sealant regards sealing the helical leak path. Leaks often occur when thread crests wear, leaving a spiraling path between crest and the root of the threads. It will actually pack-off this troublesome area in a manner similar to packing in a stuffing box.

BENEFITS

- **REACH compliant**
- **Made with LIQUILON**
- **For course or worn threads**
- **Recommended for used oilfield tubing and casing**
- **Water repellent**
- **Services pressures exceeding 10,000 psi**
- **Services temperatures exceeding 400°F (204°C)**
- **Protects against galling and seizing**

APPLICATION

105EU Thread Sealant requires no mixing, dilution, or thinning prior to application. For best results, 105EU Thread Sealant is applied with a dope brush to both male and female threads. As the joint is made-up, 105EU Thread Sealant plates out evenly on the threads and shoulders. In case of “mill-made couplings,” it is recommended that the collar be bucked off, reversed, and 105EU Thread Sealant applied to both ends.

TYPICAL OBSERVATIONS

Color	Green*
Appearance	Paste
Texture	Grainy
Thickener	Non-soap
Active Component	LIQUILON
Manufacturing Process	Fluoromation
Density, lb/gal @ 77°F (25°C)	10.15
Specific Gravity @ 77°F (25°C)	1.18
Dropping Point, ASTM D-2265	>500°F (260°C)
Flash Point, ASTM D-92	>450°F (232°C)
Penetration, ASTM D-217 worked @ 77°F (25°C)	265–295
Base Oil Viscosity cSt @ 40°C	170.0
Corrosion Preventive Test, ASTM D-1743 @ 125°F (51°C)	Pass
Evaporation Loss, ASTM D-972 @ 77°F (25°C)	1.36%
Oil Separation, ASTM D-1742 @ 77°F (25°C)	Nil
Oxidation Stability, ASTM D-942 @ 210°F (98°C), 72 hrs. PSI Loss	5
Shelf Life (unopened container)	Two years

** When exposed to UV light, the surface of this product may turn a brownish color. The color change will NOT affect the performance properties of this product.*

RELATED PRODUCTS

104EU Thread Sealant
304 Superior Thread Sealant

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Manufactured by
BALMAR LLC
616 WEST PONT DES MOUTON ROAD | LAFAYETTE, LA 70507
Sales Locations:
LAFAYETTE, LA | HOUSTON, TX | LONGVIEW, TX | MIDLAND, TX | OKLAHOMA CITY, OK

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