



HORIZONTAL DIRECTIONAL DRILLING PRODUCTS

1530 CLEAN DRILL

PREMIUM HDD THREAD COMPOUND

PRODUCT DESCRIPTION

Vector® 1530 is a Premium Thread Compound formulated especially for use in Horizontal Directional Drilling Applications. It is nearly white in color and is used in most HDD operations including extreme conditions. It is metal free making it environmentally friendly and safe to use in most applications. Vector® 1530 protects against thread galling and will provide protection to threaded connections during the most demanding drilling operations.

Vector® 1530 will provide consistent make-up and break-out to all rotary connections and can be used to break in new pipe connections. It contains a premium base which will protect against damage caused by rust and corrosion and can be used as an anti-seize on all types of connections including stainless steel, carbon steel, aluminum or bronze. It is also an effective compound to use on water well pump columns.

BENEFITS

- COMPLETELY METAL FREE
- STICKS TO WET JOINTS
- USED ON ALL SIZE CONNECTIONS
- APPLIED BY BRUSH OR AUTO LUBE
- WILL NOT BUILD-UP
- ENVIRONMENTALLY FRIENDLY

APPLICATION

Formulated to meet all of the requirements of HDD operations. Easy to apply, and will not build up in thread roots. Used in many HDD operations and formulated for optimum performance.

TYPICAL OBSERVATIONS

| | |
|---|----------------------|
| Color | Tan |
| Appearance | Smooth Paste |
| Thickener | Calcium Complex Base |
| Fluid Type | Petroleum |
| Density, lb/gal @ 77°F (25°C) | 11.15 |
| Specific Gravity, @ 77°F (25°C) | 1.34 |
| 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) | 290–320 |
| Oil Separation, ASTM D-6184 | |
| Wt. % Loss @ 212°F (100°C) | <3.0 |
| 4-Ball Weld Load, ASTM D-2596 | 315 kg |
| Copper Strip Corrosion, ASTM D-4048 | 1A, typical |
| Friction Factor | |
| Relative to 60% Lead, API RP 5A3 Annex I | |
| (for drill pipe, drill collar and tool joint connections) | 1.1 |
| Relative to API RP 7A1 | 1.15 |
| Relative to API Modified, API RP 5A3 Annex A | |
| (for tubing, casing, and premium connections) | 1.2 |
| Temperature Range | |
| Drilling Application | -20°F to 500°F |
| | (-29°C to 260°C) |
| Anti-seize Application | -65°F to 2600°F |
| | (-54°C to 1317°C) |
| Shelf Life (unopened container) | Four years |



Liquid-O-Ring®*

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Made in U.S.A.

The product information and specifications listed in this publication are constantly being updated to keep up with government regulations and technology changes. Please visit our website, www.oilcenter.com, or contact your Account Representative for the most current information relating to this product.