Follow running and thread lock compound application steps carefully to properly ensure a successful connection’s performance.

1. Thread storage compound shall be thoroughly removed from the connection before applying running and thread lock compound. Keep the running compound well mixed, and stir it very well before using. If the compound is too thick because of the low external temperature, it can be warmed up to maximum of 30º C and mixed up. Never use oil or solvent to dilute compound.

2. Keep the running compound container covered in order to avoid contamination from dust, water, or other contaminants.

3. Use new brushes with clean soft bristle; never use metallic brushes or spatulas to apply running compound. Use mustache type brush for box end and plain type brush for pin end.

4. Thread compound should be applied as a continuous film covering the different zones detailed in this document for each connection. Thread form outline should be clearly visible.

5. In the following illustrations, running compound is shown in black and thread lock compound in grey.

6. For certain Wedge and Legacy connections not illustrated in this document consider the following:
   - For ER™ see BTL™ application.
   - For Wedge 563™, Wedge 513™, Wedge 503™, Wedge 553™, Wedge 523™ see Wedge 533™ application.
   - For 3SB™ and HW™ see MS™ application.
   - For PH4™, PH6™ see CS® application.
Running compound application

**PIN**
Apply an even coat of running compound filling the full thread area and covering the seal surface and pin nose.

**BOX**
Apply a thin even coat of running compound covering the full thread area, the seal surface and torque shoulder. Do not fill dope pocket.
Thread lock compound

**PIN**
Apply thread lock compound only on the first two thirds of the pin threads near the pipe end, excluding the seal area. A uniform coat should be applied, a full 360°.

**BOX**
Apply running compound to the internal seal of the box, covering 360°c. Do not fill dope pocket.
Blue™ Thermal Liner

Running compound application

**PIN**
Apply a thin even coat of running compound, covering the full thread area and pin nose.

**BOX**
Apply an even coat of thread lock compound, filling the full thread area and torque shoulder. Use approximately half the amount of running compound applied to the pin.

NOTE: TENARISHYDRIL ER™ Follows the same running compound and thread lock compound application guidelines.
Thread lock compound

PIN
Apply thread lock compound only on the first two thirds of the pin threads near the pipe end, a uniform coat should be applied, a full 360°.
Blue™ Near Flush

Running compound application

**PIN**
Apply running compound on threads, seals and pin nose.

**BOX**
Apply running compound on internal and external seals.
Thread lock compound

PIN
Apply thread lock compound to the first half of each threaded section, closer to the pin end.
Apply running compound to the external seal.

BOX
Apply a thin even coat of running compound to the internal seal at the back of the box.
Apply a thin, even coat of running compound (thread form will be visible) to the entire pin thread and seal areas.

NOTE: TENARIS HYDRIL WEDGE 563™, WEDGE 513™, WEDGE 503™, WEDGE 553™, WEDGE 523™ FOLLOW THE SAME RUNNING AND THREAD LOCK COMPOUND APPLICATION GUIDELINES.
Thread lock compound

PIN
Apply thread lock compound to top half of pin thread only, approximately 3 to 4 threads.

BOX
For Wedge 563™, Wedge 523™, Wedge 513™, Wedge 533™, Wedge 503™, Wedge 553™ (wedge connection with metal seal) apply running compound to the metal seal area and the last threads at the back of the box.
**PIN**
Apply a thin even coat of running compound covering the full thread area, the seal surface and pin nose.

**BOX**
Apply an even coat running compound filling the full thread area and covering the seal surface and torque shoulder. Use approximately half the amount of dope applied to the pin.

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NOTE: TENARISHYDRIL 3SB™ AND TENARISHYDRIL HW™ FOLLOW THE SAME RUNNING AND THREAD LOCK COMPOUND APPLICATION GUIDELINES.
Thread lock compound

**PIN**
Apply thread lock compound only to the first two thirds of the pin threads near the pipe end, excluding the seal area of the pin, a uniform coat should be applied, a full 360°.

**BOX**
Apply running compound to the internal seal of the box, covering 360°.
Running compound application

**PIN**
Apply a thin even coat of running compound, covering the full thread area, the seal surface and pin nose.

**BOX**
Apply an even coat of running compound filling the full thread area and covering the seal surface and torque shoulder.
Running compound application

PIN
Apply a thin, even coat of running compound (thread form will be visible) to the entire pin thread and seal areas.
**Thread lock compound**

**PIN**
Apply thread lock compound to the large step of the pin thread only.

**BOX**
Apply running compound on the smallest step of the box threads and seal.
Apply a thin, even coat of running compound (thread form will be visible) to the entire pin thread and seal areas.
Apply thread lock compound to the large step of the pin thread only. Apply running compound to the external seal area.

Apply running compound on the smallest step of the box threads and seal.
Running Manual

Running compound application

PIN
Apply a thin, even coat of running compound (thread form will be visible) to the entire pin thread, pin nose and seal areas.

NOTE: TENARISHYDRIL PH4™/PH6™
FOLLOW THE SAME RUNNING COMPOUND APPLICATION GUIDELINES.