



Model: See Affected Units

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Alert



Torque Arrest System Nylon Liners

Issue

There is a potential of dropped object when improper lock nuts are installed on the nylon liners of the top drive torque arrest system. These liners are secured using 3/8" bolts, lock nuts, and cotter pins.

The nuts may back off hitting the cotter pin which stops the nut and bolt from falling, but also causing the liners to become loose. The nylon liners are then subject to excessive wear on the bolt holes. The bolt heads may then slide through the holes and the liner may fall.

Affected Units

All Canrig Top Drives model TESCO. Both types of torque arrest systems used may be affected:

- Dollies (aka batwings), which react torque against rails installed in the mast.
- Torque bushing, which reacts torque against a torque track installed in the back of the mast.

Recommendation

- Verify the nut type used to secure liners. The nuts should be either Nylon Lock Nuts (P/N: 4333) or Stover Lock Nuts (P/N: 1410105). If incorrect nuts are used, replace with Stover Lock Nuts (P/N: 1410105) as soon as possible.
- Perform daily and weekly inspections of torque arrest system as per Top Drive Maintenance Manual.
- Ensure the fasteners are in good condition and correctly installed. Visually inspect any loose fasteners for damage or cracks before re-installing.
- Visually check the liners for damage and excessive wear. Ensure the liners are not loose and secured to the dolly or torque bushing. Replace any liners that have excessive wear around the mounting fasteners.