TAN SULLS CLEANVELL®

CONNECTIONS GUIDE TO EASY RUNNING

The guidelines provided in this document apply to the use of VAM[®] SLIJ-3 CLEANWELL[®] connections, including their mix with standard VAM[®] SLIJ-3 parts. This document shall be used jointly with the VAM[®] Book, which is the main document applicable for all VAM[®] connections. For more information regarding VAM[®] SLIJ-3 CLEANWELL[®] and other VAM[®] products, please contact a Vallourec representative.



 Metal-to-metal seal

 for external pressure resistance

 Patheted metal-to-metal

 seal profile

PREPARATION

- VAM[®] SLIJ-3 is an integral connection, thus lifting or handling plugs are required during running. A minimum of 3 lifting plugs is recommended (2 for running, 1 spare). It is recommended to place the tong grips at least 3" above the pin threads and to grip the box at least 6" from the pipe end.
- CLEANWELL[®] joints are easily identifiable by their gray protectors instead of the standard Vallourec pink protectors.
- In order to maintain CLEANWELL[®] integrity before and after each operation, it is recommended to keep thread protectors on whenever pipes are to be transported, handled or stored.

CLEANING, INSPECTION AND THREAD COMPOUND APPLICATION

CLEANING

- There is no storage compound applied on CLEANWELL® joints. Even if CLEANWELL® can be used when contaminated with mud, water or dope, a cleaning step is recommended prior to running.
- Once protectors are removed, connections should be cleaned with a clean rag, high-pressure air or water jet. In the latter case, it is recommended to dry the connection after washing.
- Any kind of solvent, diesel or cleaning chemical compounds must be avoided.

INSPECTION

- Check the pin & box threads and seals to ensure no damage to the base material has occurred. Some areas missing blue coating are accepted.
- Light abrasion or light white rust noticed on blue coating is perfectly acceptable and can be run as is.

 Red rust, severe abrasions, extensive removal of the blue coating with a clear exposure of the bare metal should be reported to a VAM[®] specialist in order to decide on the connection's suitability.

MAKE-UP

- No running compound should be applied while making up a CLEANWELL® pin into a CLEANWELL® box.
- Please contact your local VAM[®] representative to get further advise on acceptable CLEANWELL[®] visual aspect upon inspection.



RUST

LIGHT HEAVY WHITE RUST WHITE RUST

PITTIN

Middle shoulder for high compression and improved torque capacity



Two-step, self-aligning thread design optimized for anti-galling ability

VAM[®] SLIJ-3 CLEANWELL[®]

increases operational efficiency while maintaining superior performance in ultra-deep offshore environments.

HIGH PERFORMANCE, ENHANCED RESISTANCE, TESTED, PROVEN & TRUSTED.

CLEANWELL[®] is a non-polluting coating applied in the mill to threaded connections replacing both storage and running compounds. "Rig-ready", CLEANWELL[®] reduces handling operations, both in the yard and on the rig. It ensures rapid and safe running in challenging operations, provides excellent sealability and improved protection against galling and corrosion.

RUNNING PROCEDURE

EQUIPMENT TO BE USED

- Stabbing guides shall be used to prevent damage to both pin and box connections during stabbing.
- Handling equipment: the maximum permitted misalignment shall be less than half the pipe diameter.

MAKE-UP TORQUE

 Make-up torques for CLEANWELL[®] assemblies and for mixed assemblies between CLEANWELL[®] and standard parts are different than standard VAM[®] SLIJ-3 make-up torques. Please check the product CDS to ensure correct torque application.

BREAK-OUT

- In case a break-out is needed, the connection should be carefully cleaned and freed from debris generated during make-up.
- Inspect the thread and seal area, ensuring no damage is present.
- Inspect CLEANWELL[®] coating, ensuring no peeling, lining or major scratching has occured. In case of any doubt, please contact your VAM[®] representative.

NOTE

If a break-out is required for OD 14" and above, maximum torque range should be targeted for the second make-up.

ACCEPTANCE CRITERIA

- A torque-turn graph is required to validate good make-up and to provide a record. The graph should feature:
 - 1. Torque on Thread and Seals
 - 2. Torque on Shoulder

VAM® SLIJ-3 CLEANWELL® - MAKE-UP GRAPH



THREAD LOCKING COMPOUND APPLICATION In case of thread locking application, please contact your local VAM[®] support to advise.

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