

**Date: November 11, 2010**

**RE: Addition of Vendor Supplier for Clamped Hub Connectors in H-Oil**

**MOC: M20102506-001**

The requirements for clamped hub connectors in the H-Oil unit at the Motiva Convent Refinery are described in the following specifications:

**JF721, JF74, JF84, JF85, JF86, JF87, & JF88**

In each of these specifications, the referenced manufacturer of the clamped hub connectors and their sub-components is Gray Tool Co. Gray Tool Co. is the manufacturer of the Grayloc brand of clamped hub connectors.

Effective September 16, 2010, LTS, Inc.'s Wireloc clamped hub connector was approved as a **fully interchangeable** alternative to Grayloc for use in H-Oil under each of the specifications contained herein **with the exception of orifice hubs and their components.**

***How to order Wireloc Clamped Hub Connectors:***

Wireloc components may be ordered referencing the same specifications that are currently used to order from Grayloc. Cross referencing of part numbers is not necessary. When ordering from Wireloc you should provide the line size and the JF Specification number (listed above).

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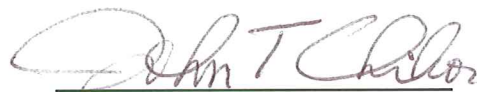
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**SAP Vendor #800013026**

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