

Title: 17DK/DM/DR COUPLING MAINTENANCE

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Models Affected: 17DK/DM/DR

Supersedes: NEW

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PURPOSE

This bulletin provides information on inspection and maintenance of the rigid-flex spacer coupling used on the subject compressors.

BACKGROUND

Proper maintenance of this coupling is important since the coupling supports the outboard end of the compressor low speed shaft. Only the compressor end of the coupling has gear teeth and these are manufactured with special tolerances for this application.

PROCEDURE

Clean and inspect the gear teeth in the compressor end coupling for wear yearly. If the teeth are worn, replace the tapered coupling hub, sleeve and o-ring. Repack the gear teeth and spacer with eight ounces of Kop-Flex KHP high performance coupling grease. Install new gaskets.

When the coupling assembly is removed so the carbon seal can be serviced on a scheduled basis, replace the o-ring, spacer gaskets and the hex bolts.

Operating conditions such as high temperatures, or severe environments may require more frequent inspection and relubrication.

Removing Coupling From Shaft

Unbolt the coupling spacer from the motor and the compressor hubs and remove.

Remove the nut from the compressor end tapered coupling hub and pull the hub with a puller.

If The Spacer Cannot Be Removed With Motor In Place

Support the motor (A-frame, etc.)

Unbolt coupling spacer from the motor and compressor hubs.

Unbolt wobble foot bolts and remove dowels.

FILING INSTRUCTIONS: COMPRESSOR - MOTOR ASSEMBLY

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