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Industrea Mining Equipment

REPORT 5634

ENGINEERING BULLETIN

MWM GASKETS

DE-CLUTCH CAM



ISSUED

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Prepared for: Industry

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General Recall – Inlet Flame trap Gasket 7-054715-700

GE Industrea advises a recall of the MWM Diesel Engine System inlet flame trap gasket. The current design of the joint ensures that an explosion will be contained; however it does allow leakage and failure of a soapy water test from the inlet system – after the flame trap. Leakage after the flame trap does not constitute a failure of flame proof integrity, however the new gasket will fully seal this joint.



Individual Recall – Exhaust Manifold-Turbo adaptor Gasket 7-054149-700

GE Industrea by notice 5631 advised all operators that have MWM 4.10 Diesel Engine Systems to check that the explosion protection fixed joints are gas tight. GE Industrea have undertaken testing, validation and Supplementary Registration of the Diesel Engine System to include an additional gasket material option. New gasket 7-054149-700 is now available and included on MDR DES 114056-2.

Where leakage is detected by soapy water test, the gasket should be replaced immediately. Where leakage is not detected, the gasket should be replaced during scheduled maintenance.



Communication – Scrubber mounting bracket modification

GE Industrea has modified scrubber mounting bracket 7-054838-700 to include a strong back stiffener. This modification will improve the scrubber support system. This modification has been prompted after joint failure occurred between the turbo and exhaust pipe adaptor in a MineCruiser application. Investigation into the joint failure considered a number of possible failure scenarios as detailed in DFMEA AR1444, but has not been conclusive. GE Industrea recommends that the strong back modification be installed during scheduled maintenance.



General Recall – Park Brake De-Clutch Cam

GE Industrea has changed the cam profile that operates transmission de-clutch on application of the park brake valve. The change will ensure that the transmission is only de-clutched once the park brake valve is fully activated to the brake applied position. GE Industrea recommends that the modified cam be installed during scheduled maintenance.

Please make arrangements with GE Industrea to coordinate action as required to Mk7 MineCruisers or MWM Graders as outlined above.

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