

ENGINEERING BULLETIN

Ref Document No.	EB13004	Issue No.	1
Subject	Radiator		
Release Date	11th November 2013		

Purpose – Advise machine owner’s potential areas of improvement.

Applicability – All in service COALTRAM® models – CT08 / CT10 / CT13

Background

The DMS technical department has been made aware of overheating issues from the Coaltram DES when external surfaces of the radiator become dirty decreasing its cooling capacity.

Investigations/Findings

DMS has developed a new radiator design that will deliver increased heat dissipation to the DES whilst being easier to clean.

Testing has been completed proving the heat rejection capacity of the new design.

The new radiator design also incorporates the access hatches for cleaning the engine side of the radiator with a hose identified in EB13003.

Recommendations

1. It is recommended if a mine site is having issues with overheating the new radiator be retrofitted to allow for more effective cleaning of the radiator.
2. The component will be available from January 2014.



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