

CONSTRUCTION EQUIPMENT

CATERPILLAR C 1 2 CATERPILLAR C 1 2 (S/N NOT GIVEN) - DIESEL ENGINE

Sample No: VCP431625

Oil Type: SHELL ROTELLA T 15W40

Job No:





FRANK JOKEL PO BOX 304 STEPHENVILLE, TX US 76401 Contact: FRANK JOKEL frankjokel@ymail.com

F:

Diagnosis

We advise that you check for the source of the coolant leak. We recommend that you drain the oil and perform a filter service on this component if not already done. We recommend an early resample to monitor this condition. Bearing and/or bushing wear is indicated. In the absence of other significant wear metals, suspect some copper due to sources other than wear (i.e. cooling core). Sodium and/or potassium levels are high. Test for glycol is positive. Elemental level of silicon (Si) above normal indicating ingress of seal material. The BN result indicates that there is suitable alkalinity remaining in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot:FRASTETXUnique No:10965812Signed:Doug BogartReport Date:17 Apr 2024

ppm

ppm

0

52

Barium

Boron



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