



CONSTRUCTION EQUIPMENT

467 HAMM 0914 - DRUM GEARBOX



Sample No: VCP413812
Oil Type: DRYDENE 80W90
Job No: 467



SAMPLE INFORMATION

Sample Number	VCP413812	---	---	---
Sample Date	09 Oct 2023	---	---	---
Machine Hours	2312	---	---	---
Oil Hours	500	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	107	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	30	---	---	---
Sodium	ppm	6	---	---	---
Potassium	ppm	2	---	---	---



WEAR METALS

Iron	ppm	1599	---	---	---
Copper	ppm	181	---	---	---
Lead	ppm	3	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	4	---	---	---
Chromium	ppm	16	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	2	---	---	---
Titanium	ppm	3	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	9	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	14	---	---	---
Magnesium	ppm	4	---	---	---
Zinc	ppm	245	---	---	---
Phosphorus	ppm	1282	---	---	---
Barium	ppm	4	---	---	---
Boron	ppm	40	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Bearing and/or gear wear is indicated. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: TOTGAI
Unique No: 10750869
Signed: Jonathan Hester
Report Date: 22 Nov 2023



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GRAPHS

