



CONSTRUCTION EQUIPMENT

BALL MILL - GEARBOX



Sample No: VCP401211
Oil Type: PETRO CANADA ENDURATEX EP 460
Job No:



SAMPLE INFORMATION

Sample Number	VCP401211	VCP401216	---	---
Sample Date	15 Feb 2024	30 Jan 2023	---	---
Machine Hours	0	0	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	ABNORMAL	NORMAL	---	---

HOLCIM
 2150 E 130TH ST
 CHICAGO, IL
 US 60633
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 T: (219)512-0114
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OIL CONDITION

Visc @ 40°C	cSt	459	447	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	40	3	---	---
Sodium	ppm	<1	<1	---	---
Potassium	ppm	1	3	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The lead level is abnormal. The tin level is abnormal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	28	8	---	---
Copper	ppm	4	1	---	---
Lead	ppm	▲ 138	7	---	---
Tin	ppm	▲ 18	<1	---	---
Aluminum	ppm	12	<1	---	---
Chromium	ppm	0	0	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	99	11	---	---
Magnesium	ppm	32	<1	---	---
Zinc	ppm	33	12	---	---
Phosphorus	ppm	301	284	---	---
Barium	ppm	0	0	---	---
Boron	ppm	21	7	---	---

Depot: HOLCHI
Unique No: 10886192
Signed: Sean Felton
Report Date: 21 Feb 2024



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GRAPHS

