



CONSTRUCTION EQUIPMENT

24971 KOPPERS VOLVO L120H 632562 - FRONT AXLE



Sample No: VCP06090594
Oil Type: VOLVO WB 102
Job No: 24971 KOPPERS



218 - ASCENDUM MACHINERY INC - N. CHARLESTON
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SAMPLE INFORMATION

Sample Number	VCP06090594	VCP339783	---	---
Sample Date	09 Feb 2024	04 Feb 2022	---	---
Machine Hours	4478	2062	---	---
Oil Hours	2000	0	---	---
Oil Changed	Changed	N/A	---	---
Sample Status	NORMAL	ABNORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	42.1	40.9	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	21	26	---	---
Sodium	ppm	2	0	---	---
Potassium	ppm	2	1	---	---



WEAR METALS

Iron	ppm	296	648	---	---
Copper	ppm	1	5	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	1	8	---	---
Chromium	ppm	6	11	---	---
Molybdenum	ppm	8	14	---	---
Nickel	ppm	2	2	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	8	15	---	---
Vanadium	ppm	<1	<1	---	---



ADDITIVES

Calcium	ppm	3722	4174	---	---
Magnesium	ppm	28	6	---	---
Zinc	ppm	1644	1461	---	---
Phosphorus	ppm	1275	1395	---	---
Barium	ppm	0	0	---	---
Boron	ppm	130	141	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO3387
Unique No: 10883447
Signed: Wes Davis
Report Date: 16 Feb 2024



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GRAPHS

