



CONSTRUCTION EQUIPMENT

7228 IMERYS REFRAC VOLVO A30G 742629 - BRAKE



Sample No: VCP449009
Oil Type: VOLVO SUPER WET BRAKE TRANSAXLE OIL WB102
Job No: 7228 IMERYS REFRAC



SAMPLE INFORMATION

Sample Number	VCP449009	---	---	---
Sample Date	02 Jan 2024	---	---	---
Machine Hours	3979	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

364 - ASCENDUM MACHINERY INC - MACON
 4807 HARRISON RD
 MACON, GA
 US 31206
 Contact: HALIE BAKER
 halie.baker@ascendummachinery.com
 T:
 F: (478)200-5859



OIL CONDITION

Visc @ 40°C	cSt	█ 39.6	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 21	---	---	---
Sodium	ppm	█ 6	---	---	---
Potassium	ppm	█ <1	---	---	---



WEAR METALS

Iron	ppm	█ 52	---	---	---
Copper	ppm	▲ 383	---	---	---
Lead	ppm	█ 4	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 7	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 2	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 2901	---	---	---
Magnesium	ppm	█ 5	---	---	---
Zinc	ppm	█ 1204	---	---	---
Phosphorus	ppm	█ 1200	---	---	---
Barium	ppm	█ 1	---	---	---
Boron	ppm	█ 92	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level is abnormal. All other 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: ASCMAC
Unique No: 10844635
Signed: Don Baldrige
Report Date: 24 Jan 2024

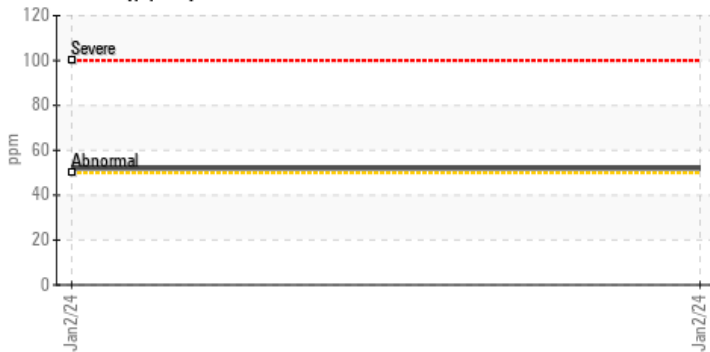


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GRAPHS

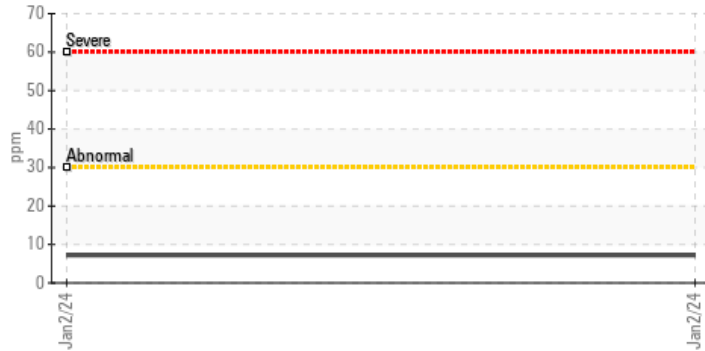
Iron (ppm)



Lead (ppm)



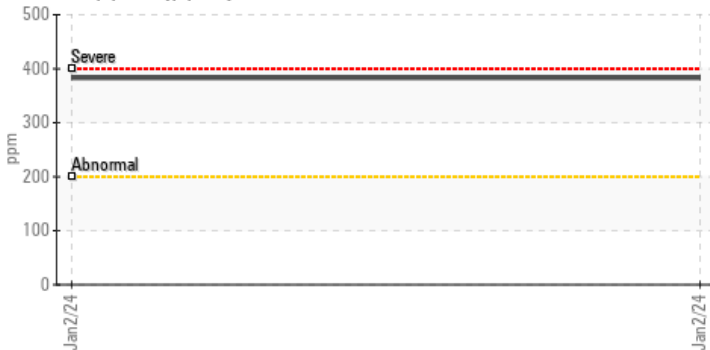
Aluminum (ppm)



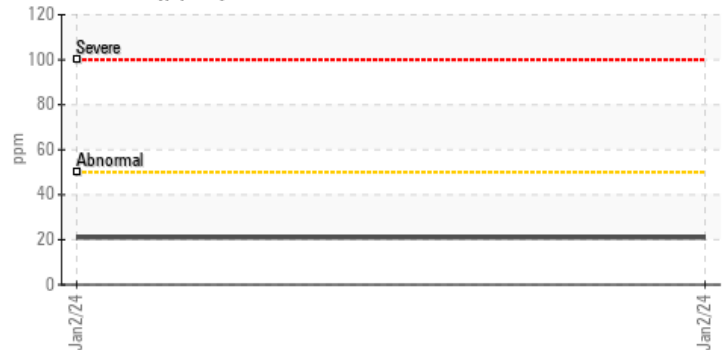
Chromium (ppm)



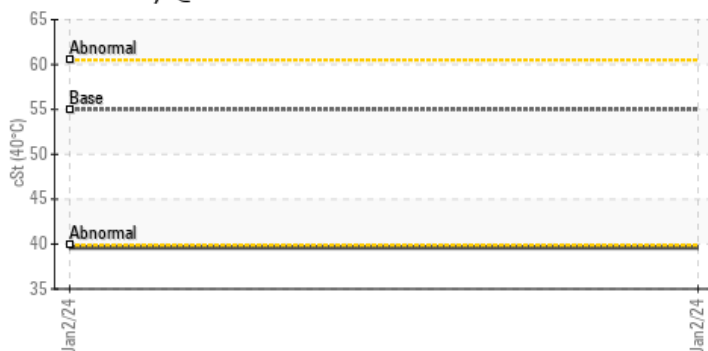
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

