



CONSTRUCTION EQUIPMENT

SWA590217-20 VOLVO A30G 752316 - WET DISC BRAKE



Sample No: VCP447046
Oil Type: {unknown}
Job No: SWA590217-20



SAMPLE INFORMATION

Sample Number	VCP447046	---	---	---
Sample Date	20 Jun 2024	---	---	---
Machine Hours	3960	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

ALTA EQUIPMENT COMPANY

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 DAVIE, FL
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OIL CONDITION

Visc @ 40°C	cSt	█ 45.3	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 14	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 2	---	---	---

Diagnosis

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.



WEAR METALS

Iron	ppm	█ 19	---	---	---
Copper	ppm	▲ 239	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	3521	---	---	---
Magnesium	ppm	10	---	---	---
Zinc	ppm	1522	---	---	---
Phosphorus	ppm	1312	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	120	---	---	---

Depot: VOLVO0095
Unique No: 11110075
Signed: Don Baldrige
Report Date: 05 Jul 2024

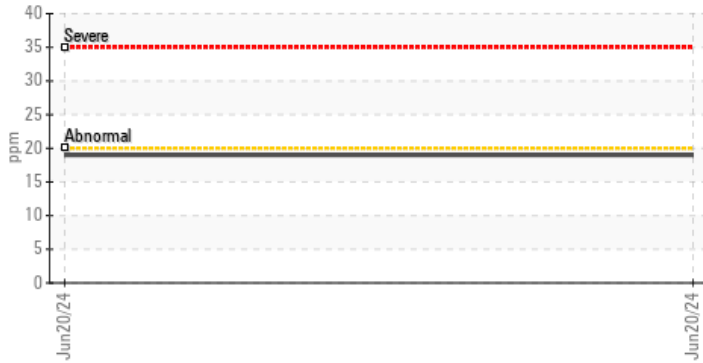


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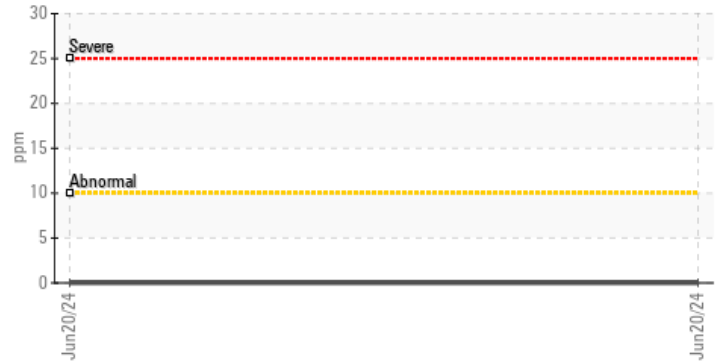


GRAPHS

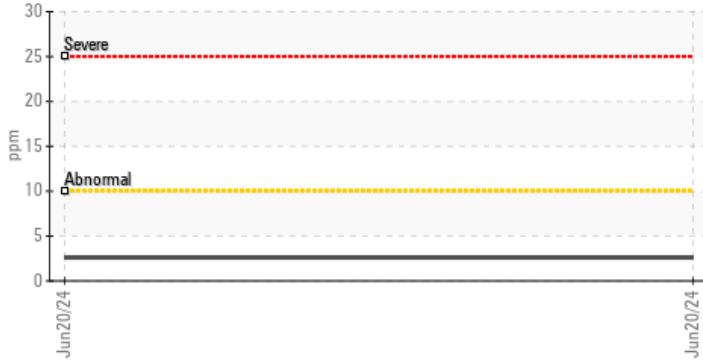
Iron (ppm)



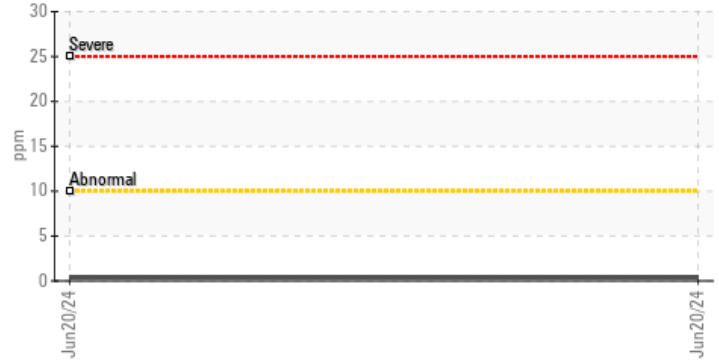
Lead (ppm)



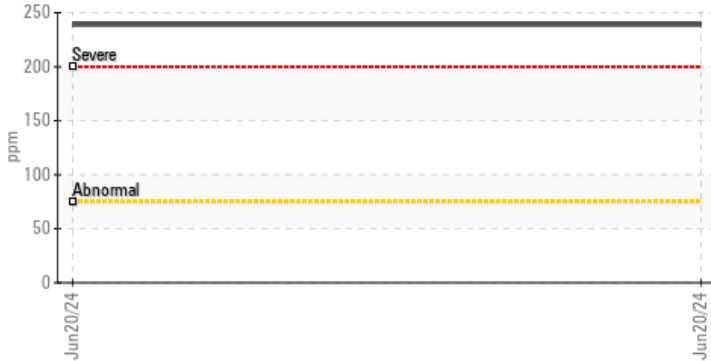
Aluminum (ppm)



Chromium (ppm)



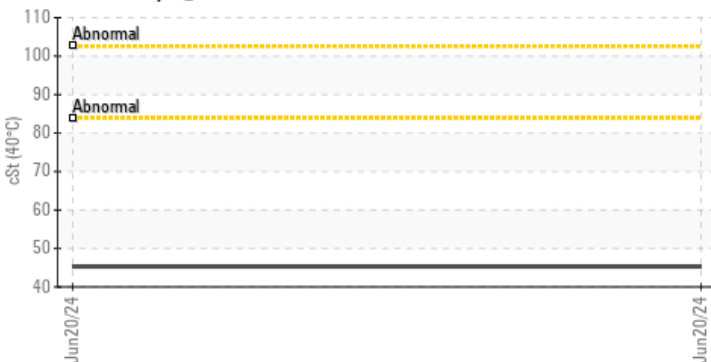
▲ Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

