



CONSTRUCTION EQUIPMENT

578360 T AND K VOLVO A45G 352823 - BRAKE COOLING SYSTEM



Sample No: VCP446352
Oil Type: VOLVO SUPER WET BRAKE TRANSAXLE OIL WB102
Job No: 578360 T AND K



SAMPLE INFORMATION

Sample Number	VCP446352	---	---	---
Sample Date	10 Jun 2024	---	---	---
Machine Hours	4183	---	---	---
Oil Hours	4183	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 43.7	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 17	---	---	---
Sodium	ppm	█ 6	---	---	---
Potassium	ppm	█ 2	---	---	---

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.



WEAR METALS

Iron	ppm	█ 34	---	---	---
Copper	ppm	█ 145	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 5	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 3364	---	---	---
Magnesium	ppm	█ 20	---	---	---
Zinc	ppm	█ 1462	---	---	---
Phosphorus	ppm	█ 1234	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 118	---	---	---

Depot: VOLVO0093
Unique No: 11127040
Signed: Sean Felton
Report Date: 18 Jul 2024



CONSTRUCTION EQUIPMENT

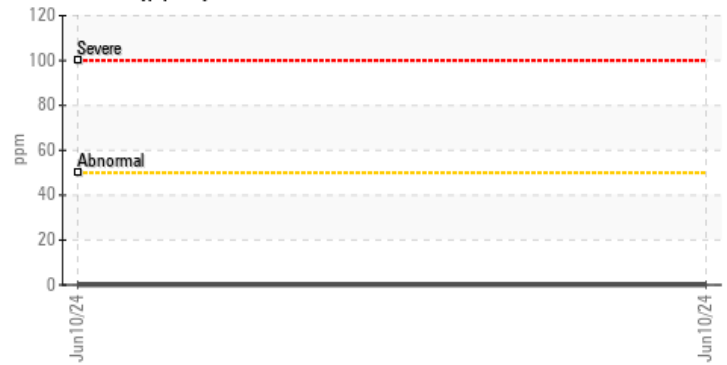


GRAPHS

Iron (ppm)



Lead (ppm)



Aluminum (ppm)



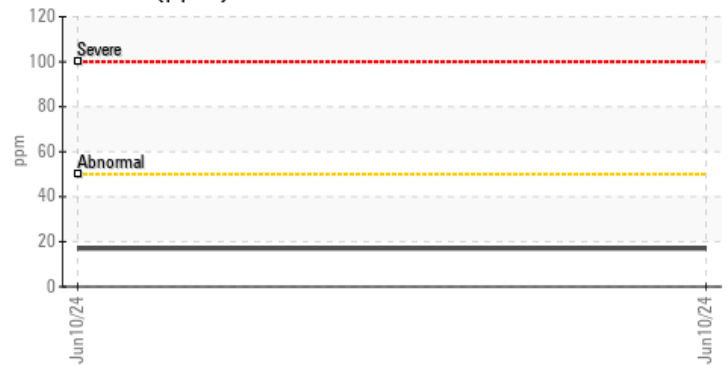
Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

