



CONSTRUCTION EQUIPMENT

X37245 VOLVO A25G 752205 - WET DISC BRAKE



Sample No: VCP414298
Oil Type: NOT GIVEN
Job No: X37245



SAMPLE INFORMATION

Sample Number	VCP414298	VCP390967	---	---
Sample Date	18 Oct 2023	03 Apr 2023	---	---
Machine Hours	0	4976	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	Changed	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

DIPROINDUCA USA LIMITED
 2528 MEDINA RD
 MEDINA, OH
 US 44256
 Contact: MATT GILLILAND
 mgilliland@diproinduca.com
 T: (225)571-0603
 F:



OIL CONDITION

Visc @ 40°C	cSt	48.3	43.1	---	---
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CONTAMINATION

Silicon	ppm	14	14	---	---
Sodium	ppm	<1	6	---	---
Potassium	ppm	3	0	---	---



WEAR METALS

Iron	ppm	34	30	---	---
Copper	ppm	190	312	---	---
Lead	ppm	<1	2	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	2	2	---	---
Chromium	ppm	<1	0	---	---
Molybdenum	ppm	<1	0	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3273	3507	---	---
Magnesium	ppm	10	24	---	---
Zinc	ppm	1366	1391	---	---
Phosphorus	ppm	1133	1247	---	---
Barium	ppm	0	0	---	---
Boron	ppm	117	121	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level has decreased, but is still abnormal. The iron 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.

Depot: DIPMED
Unique No: 10709629
Signed: Sean Felton
Report Date: 25 Oct 2023

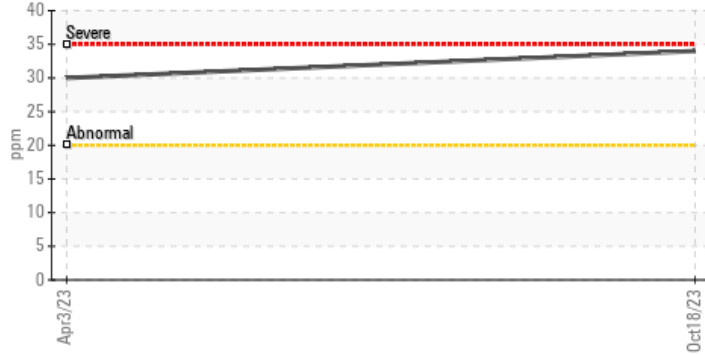


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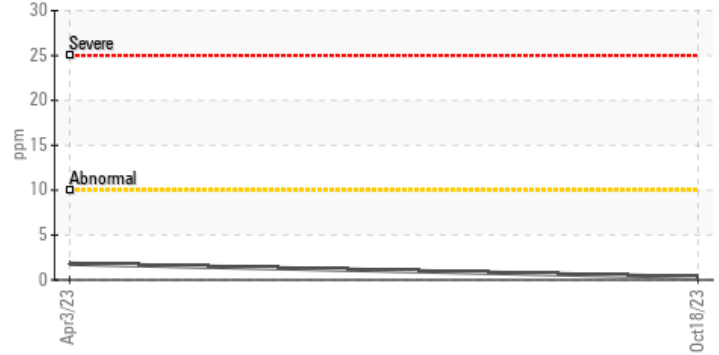


GRAPHS

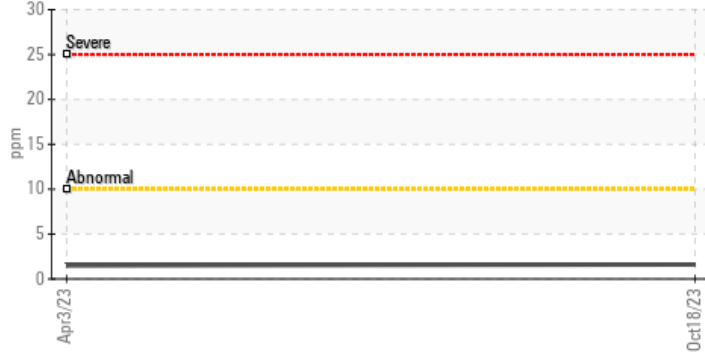
▲ Iron (ppm)



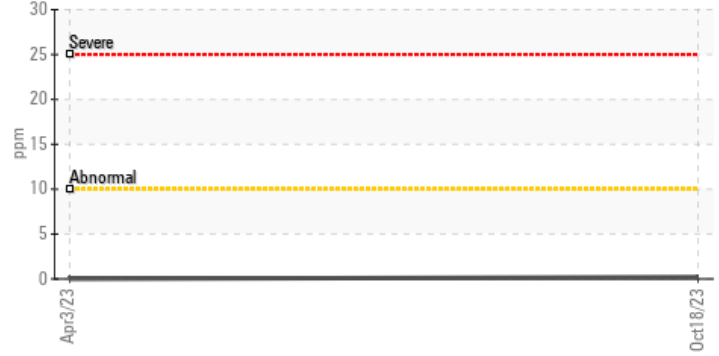
Lead (ppm)



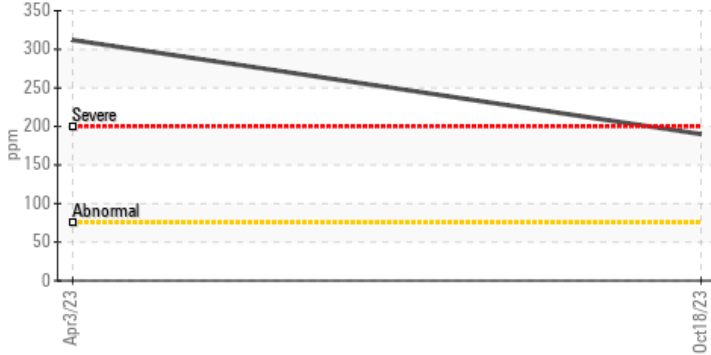
Aluminum (ppm)



Chromium (ppm)



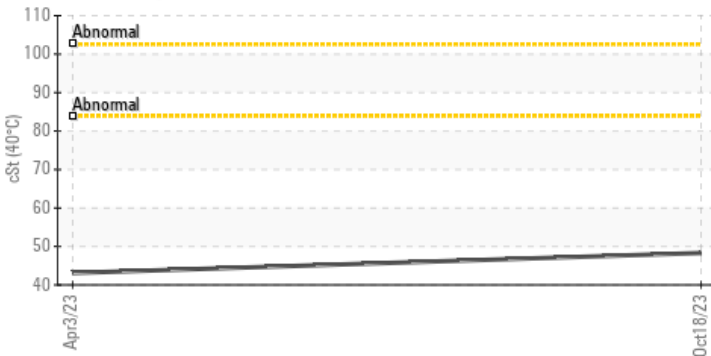
▲ Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

