



CONSTRUCTION EQUIPMENT

A09082 VOLVO A40G 341662 - WET DISC BRAKE



Sample No: VCP384281
Oil Type: MOBIL WB 102
Job No: A09082



SAMPLE INFORMATION

Sample Number	VCP384281	VCP310228	---	---
Sample Date	09 Nov 2022	09 Aug 2021	---	---
Machine Hours	6440	5380	---	---
Oil Hours	2000	1000	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

K C CONSTRUCTION

1737 STOUT DRIVE
 IVYLAND, PA
 US 18974

Contact: DUKE D.
 duked@kcconstruct.com
 T: (267)784-7337
 F: x:



OIL CONDITION

Visc @ 40°C	cSt	40.9	41.4	---	---
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CONTAMINATION

Silicon	ppm	13	13	---	---
Sodium	ppm	4	3	---	---
Potassium	ppm	0	<1	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper 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.



WEAR METALS

Iron	ppm	38	35	---	---
Copper	ppm	209	183	---	---
Lead	ppm	4	1	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	1	0	---	---
Chromium	ppm	<1	1	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	5	5	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	1	1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3271	3840	---	---
Magnesium	ppm	10	9	---	---
Zinc	ppm	1428	1477	---	---
Phosphorus	ppm	1178	1273	---	---
Barium	ppm	0	0	---	---
Boron	ppm	103	148	---	---

Depot: KCCIVY
Unique No: 10227337
Signed: Don Baldrige
Report Date: 20 Nov 2022

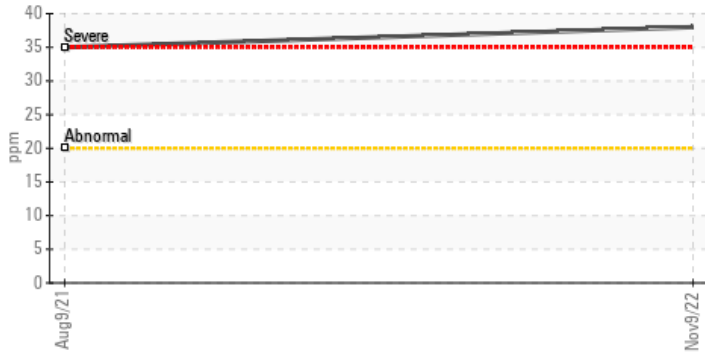


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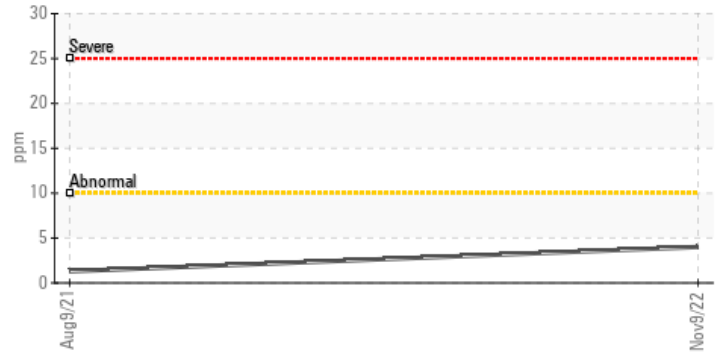


GRAPHS

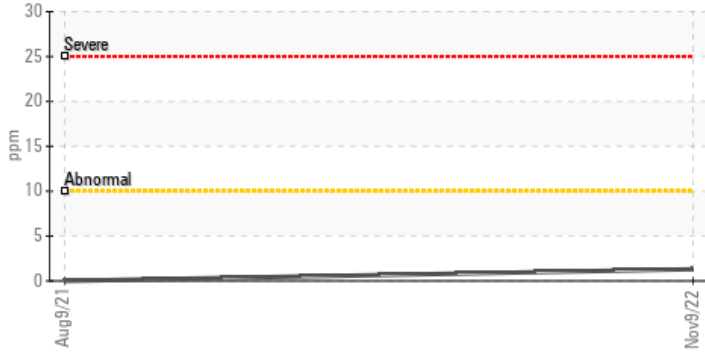
Iron (ppm)



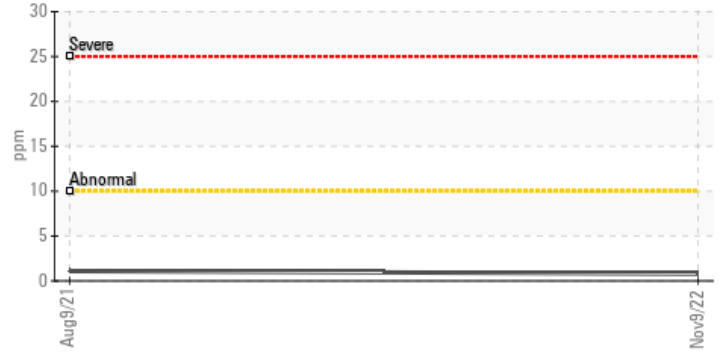
Lead (ppm)



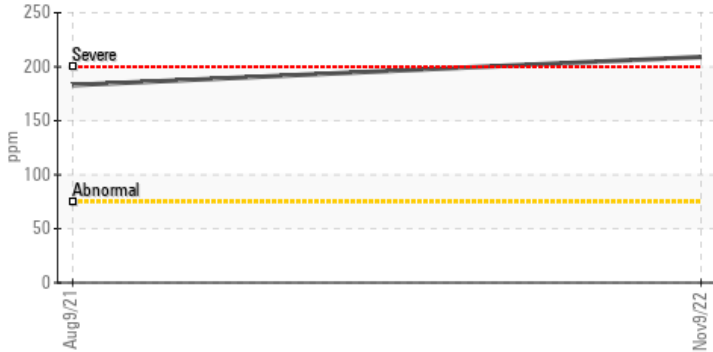
Aluminum (ppm)



Chromium (ppm)



▲ Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

