



CONSTRUCTION EQUIPMENT

A10956 VOLVO A40G 352005 - WET DISC BRAKE



Sample No: VCP425731
Oil Type: MOBIL WB 102
Job No: A10956



SAMPLE INFORMATION

Sample Number	VCP425731	VCP367400	VCB0000046	---
Sample Date	29 Aug 2023	28 Nov 2022	23 Feb 2022	---
Machine Hours	3205	2725	2080	---
Oil Hours	3205	0	2080	---
Oil Changed	Not Chngd	Not Chngd	Oil Added	---
Sample Status	ABNORMAL	ABNORMAL	ABNORMAL	---

DYER QUARRY
P.O. BOX 188, 1275 ROCK HOLLOW ROAD
BIRDSBORO, PA
US 19508
Contact: MATT MCCLELLAND
matt.mcclelland@dyerquarry.com
T:
F: (610)582-2304



OIL CONDITION

Visc @ 40°C	cSt	40.6	40.4	40.4	---
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CONTAMINATION

Silicon	ppm	17	19	19	---
Sodium	ppm	6	6	5	---
Potassium	ppm	<1	0	1	---

Diagnosis
No corrective action is recommended at this time. Resample at the next service interval to monitor. The iron level is abnormal. 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	22	32	38	---
Copper	ppm	264	254	196	---
Lead	ppm	3	4	<1	---
Tin	ppm	0	<1	0	---
Aluminum	ppm	<1	1	2	---
Chromium	ppm	<1	1	2	---
Molybdenum	ppm	<1	<1	0	---
Nickel	ppm	6	6	5	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	2	2	2	---
Vanadium	ppm	0	<1	<1	---



ADDITIVES

Calcium	ppm	3623	3952	4204	---
Magnesium	ppm	10	10	8	---
Zinc	ppm	1530	1670	1800	---
Phosphorus	ppm	1283	1361	1408	---
Barium	ppm	0	0	0	---
Boron	ppm	130	126	128	---

Depot: DYEBIR
Unique No: 10648972
Signed: Angela Borella
Report Date: 19 Sep 2023

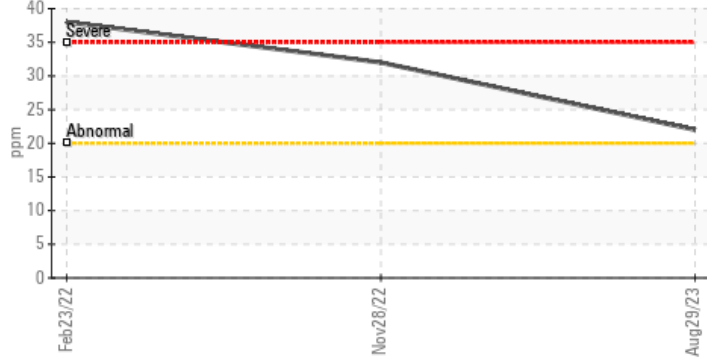


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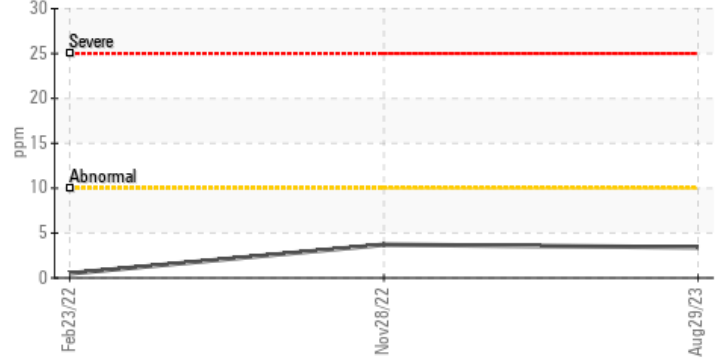


GRAPHS

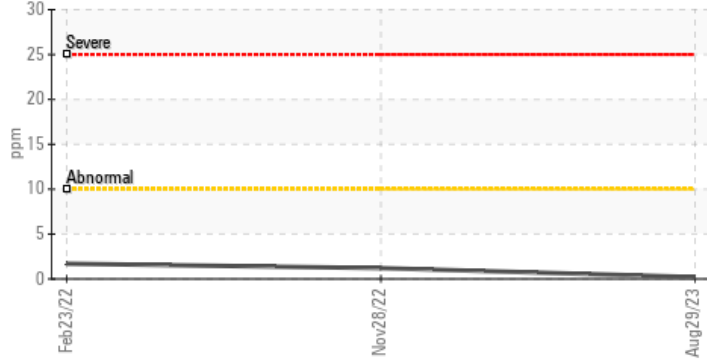
▲ Iron (ppm)



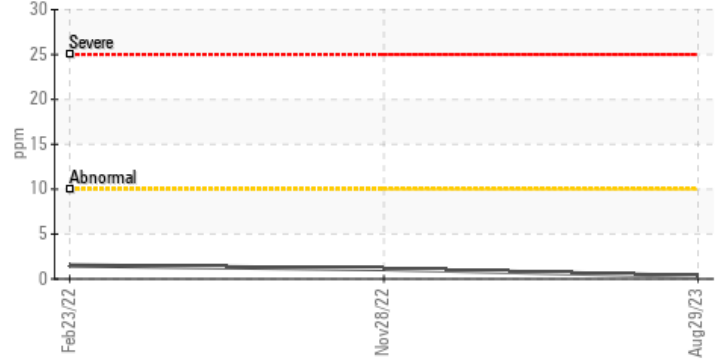
Lead (ppm)



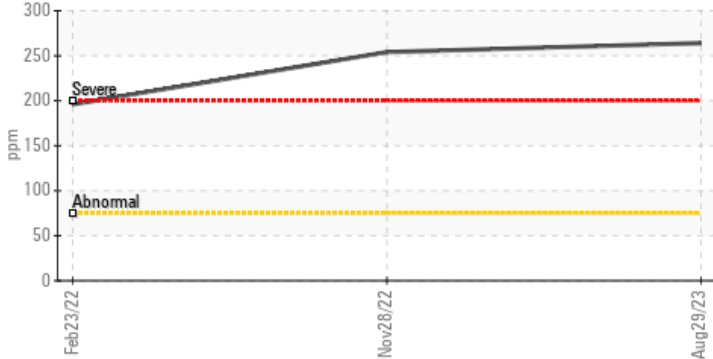
Aluminum (ppm)



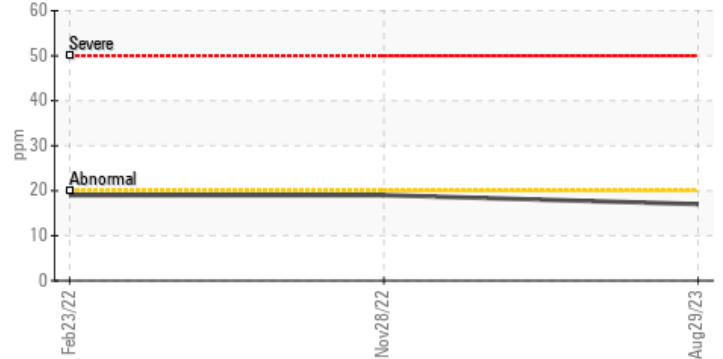
Chromium (ppm)



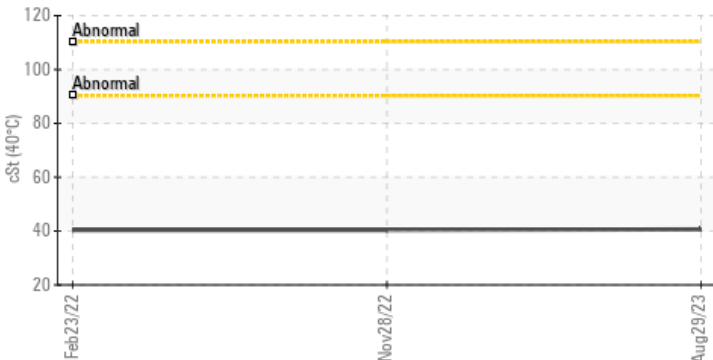
▲ Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

