



CONSTRUCTION EQUIPMENT

A12633 VOLVO A40G 352005 - DROP BOX



Sample No: VCP430371
Oil Type: MOBIL GO 102
Job No: A12633



SAMPLE INFORMATION

Sample Number	VCP430371	VCP408977	VCP367401	VCB0000043
Sample Date	06 May 2024	29 Aug 2023	28 Nov 2022	23 Feb 2022
Machine Hours	3670	3205	2725	2080
Oil Hours	2500	3205	0	1000
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Oil Added
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL

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	45.3	45.6	45.7	46.0
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	39	41	41	37
Sodium	ppm	8	9	8	4
Potassium	ppm	2	2	<1	1

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	128	107	90	78
Copper	ppm	13	10	11	9
Lead	ppm	1	0	<1	<1
Tin	ppm	<1	0	<1	<1
Aluminum	ppm	14	10	16	14
Chromium	ppm	2	1	1	1
Molybdenum	ppm	9	7	9	9
Nickel	ppm	1	<1	<1	<1
Titanium	ppm	<1	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	4	4	3	3
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	49	43	44	79
Magnesium	ppm	2	0	3	<1
Zinc	ppm	114	82	84	81
Phosphorus	ppm	2349	2197	2390	2334
Barium	ppm	0	0	0	0
Boron	ppm	95	83	123	131

Depot: DYEBIR
Unique No: 11033071
Signed: Wes Davis
Report Date: 17 May 2024

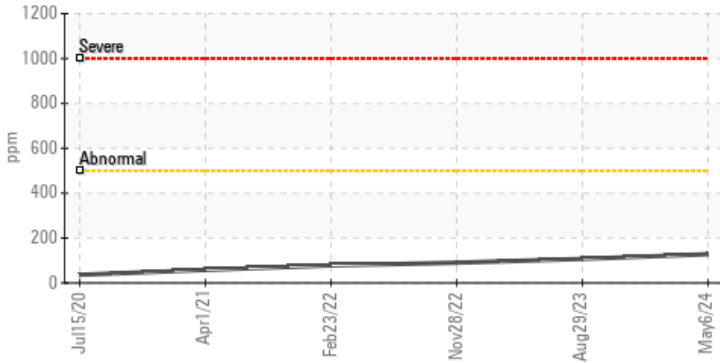


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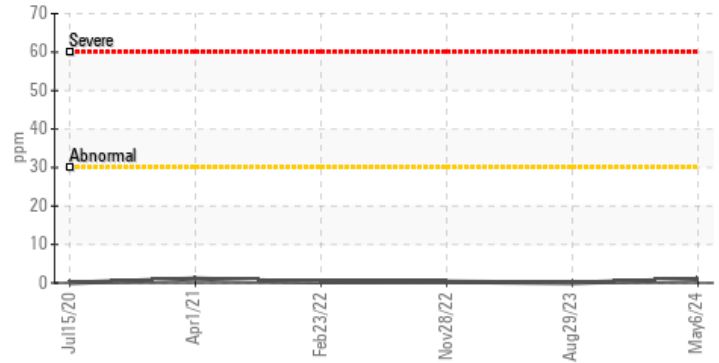


GRAPHS

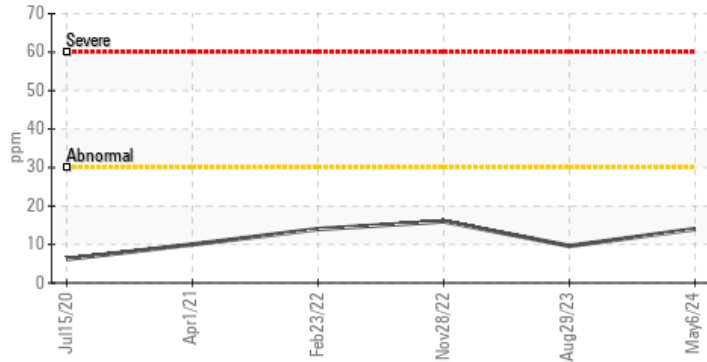
Iron (ppm)



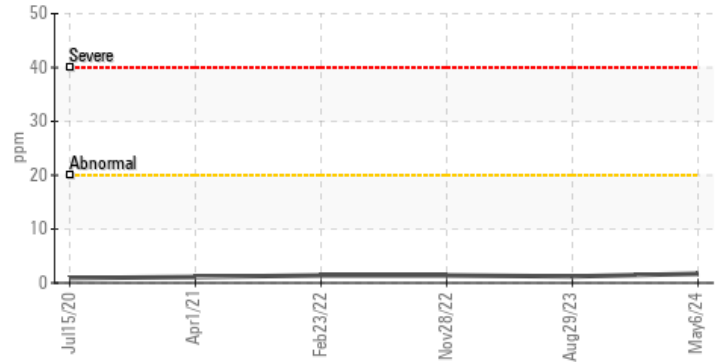
Lead (ppm)



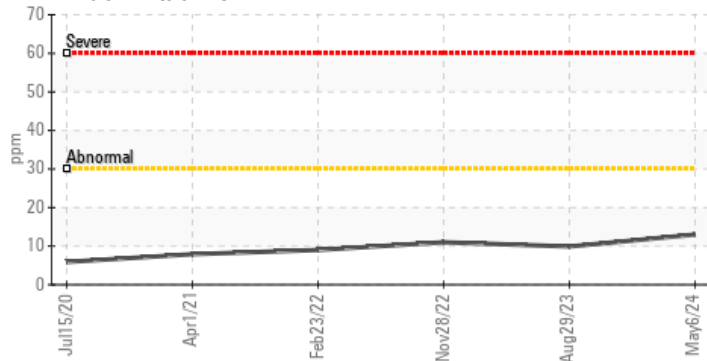
Aluminum (ppm)



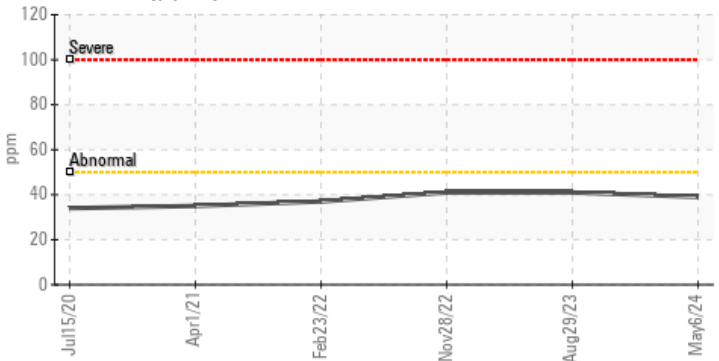
Chromium (ppm)



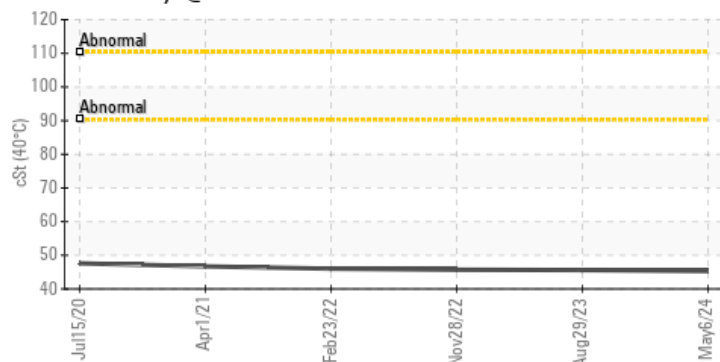
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

