



CONSTRUCTION EQUIPMENT

A10574 VOLVO A30D 74083 - TRANSMISSION (AUTO)



Sample No: VCP427162
Oil Type: MOBIL AT 102
Job No: A10574



SAMPLE INFORMATION

Sample Number	VCP427162	VCP356376	VCP308443	VCP252673
Sample Date	27 Jun 2023	06 May 2022	10 May 2021	07 May 2020
Machine Hours	13545	12906	12290	11780
Oil Hours	500	0	1000	1000
Oil Changed	Not Chngd	Not Chngd	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

DYER QUARRY
P.O. BOX 188, 1275 ROCK HOLLOW ROAD
BIRDSBORO, PA
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T:
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OIL CONDITION

Visc @ 40°C	cSt	25.7	27.4	27.7	27.8
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CONTAMINATION

Silicon	ppm	3	2	3	2
Sodium	ppm	1	0	8	3
Potassium	ppm	2	1	<1	0

Diagnosis
Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	7	7	34	17
Copper	ppm	82	65	129	167
Lead	ppm	0	<1	12	2
Tin	ppm	4	3	3	4
Aluminum	ppm	5	3	4	6
Chromium	ppm	0	0	<1	0
Molybdenum	ppm	<1	<1	5	3
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	<1	0
Manganese	ppm	<1	0	<1	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	71	88	452	301
Magnesium	ppm	0	4	107	51
Zinc	ppm	0	5	307	104
Phosphorus	ppm	189	171	416	263
Barium	ppm	0	0	0	0
Boron	ppm	103	80	70	86

Depot: DYEBIR
Unique No: 10548366
Signed: Wes Davis
Report Date: 10 Jul 2023

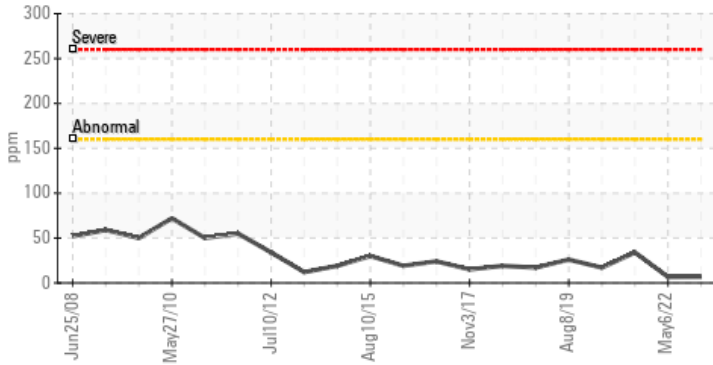


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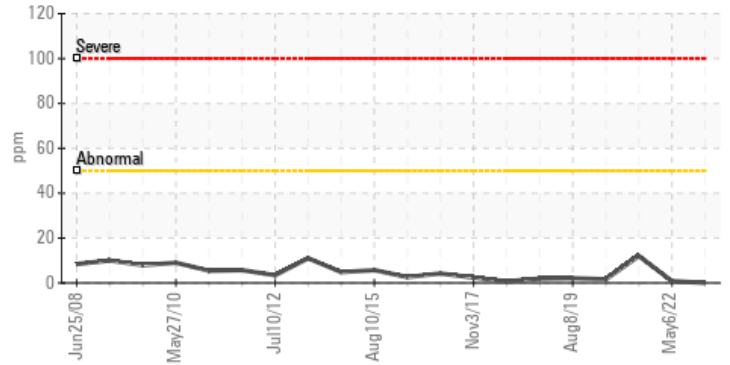


GRAPHS

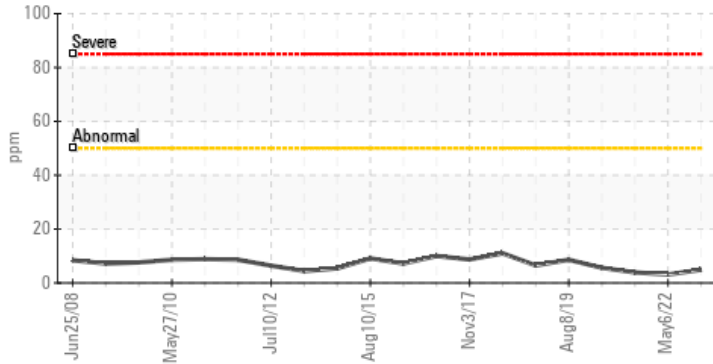
Iron (ppm)



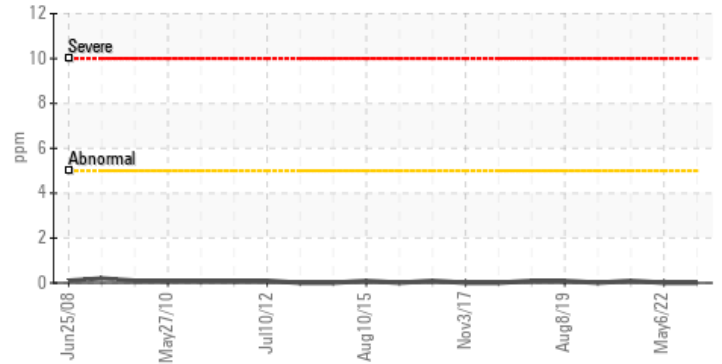
Lead (ppm)



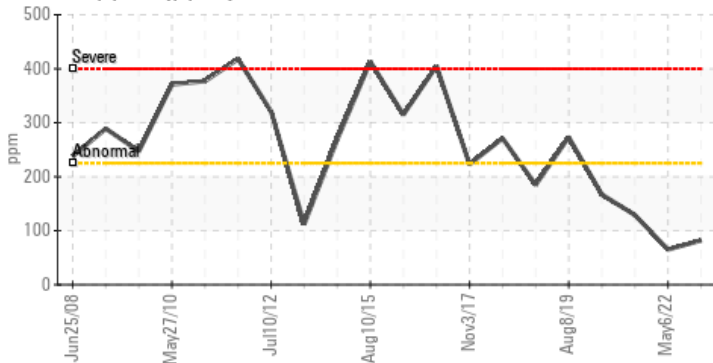
Aluminum (ppm)



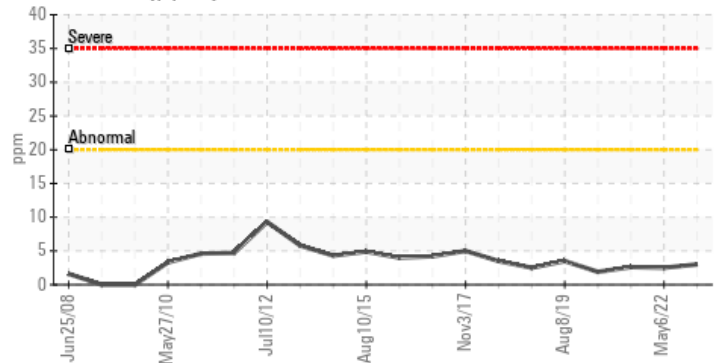
Chromium (ppm)



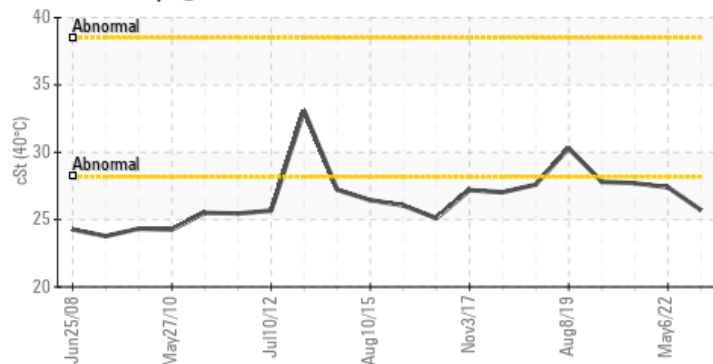
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

