



CONSTRUCTION EQUIPMENT

VOLVO L180H 5035 - TRANSMISSION (AUTO)



Sample No: VCP447753
Oil Type: VOLVO AT 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP447753	VCP438760	VCP446652	VCP422332
Sample Date	05 Jun 2024	18 Apr 2024	07 Mar 2024	05 Dec 2023
Machine Hours	13649	13382	13060	12241
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	ABNORMAL	ABNORMAL

ALTA EQUIPMENT COMPANY
 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
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 tlark@altaequipfl.com
 T:
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OIL CONDITION

Visc @ 40°C	cSt	27.9	27.9	34.3	28.1
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	5	4	4	4
Sodium	ppm	3	1	1	3
Potassium	ppm	4	0	2	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	16	18	15	8
Copper	ppm	6	3	4	3
Lead	ppm	4	0	<1	0
Tin	ppm	1	0	<1	0
Aluminum	ppm	1	<1	2	0
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	2	0	0	0
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	0	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	53	84	77	71
Magnesium	ppm	1	<1	1	<1
Zinc	ppm	0	1	3	0
Phosphorus	ppm	144	207	204	195
Barium	ppm	0	0	0	0
Boron	ppm	68	89	82	95

Depot: VOLVO0090
Unique No: 11074449
Signed: Don Baldrige
Report Date: 13 Jun 2024

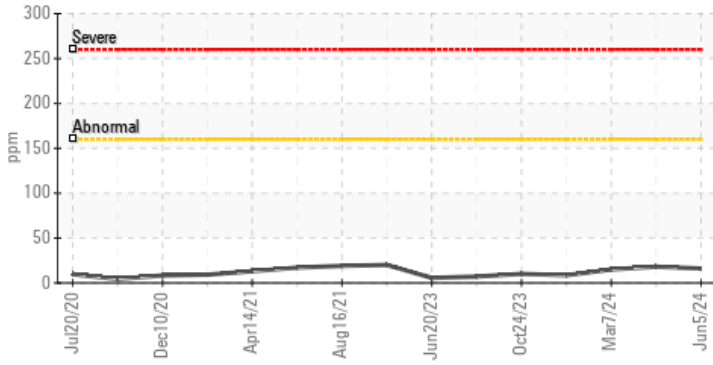


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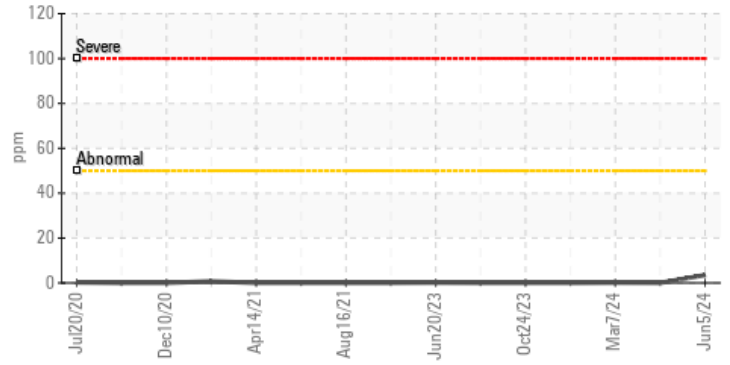


GRAPHS

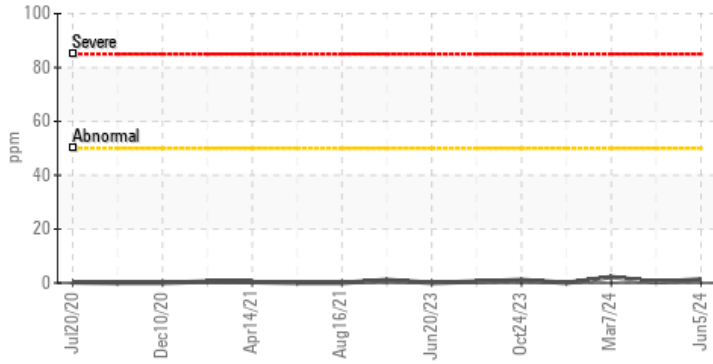
Iron (ppm)



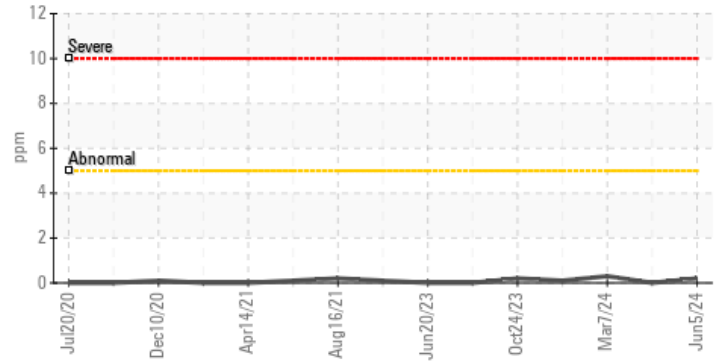
Lead (ppm)



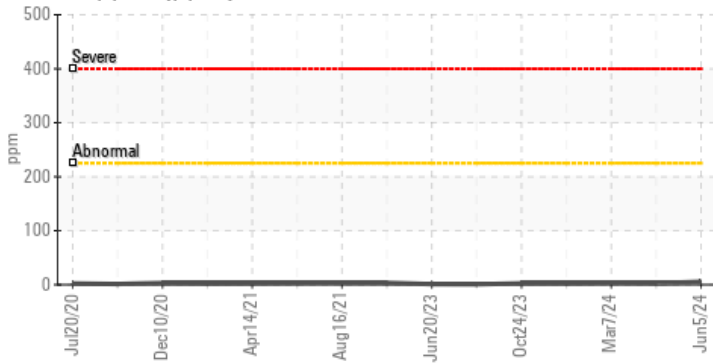
Aluminum (ppm)



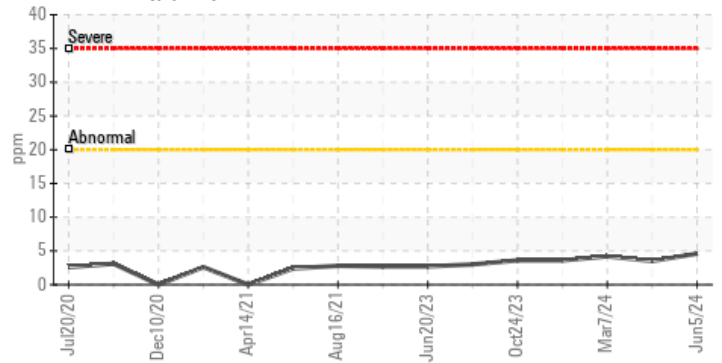
Chromium (ppm)



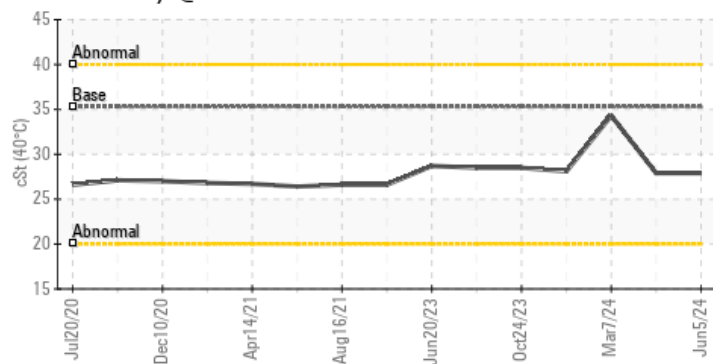
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

