



CONSTRUCTION EQUIPMENT

660406 VOLVO L150H 6059 - TRANSMISSION (AUTO)



Sample No: VCP440028
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 660406



SAMPLE INFORMATION

Sample Number	VCP440028	VCP432138	VCP420927	VCP407848
Sample Date	17 Jan 2024	30 Oct 2023	10 Aug 2023	01 Jun 2023
Machine Hours	10959	10424	9867	9381
Oil Hours	9000	2000	1600	1381
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

PARAGON DEVELOPMENT GROUP
 402 N FRONTAGE RD
 PLANT CITY, FL
 US 33563
 Contact: ED WALPOLE
 edwiv@pdgpc.com
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	27.6	27.8	27.9	27.9
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CONTAMINATION

Water	%	NEG	0.091	NEG	NEG
Silicon	ppm	3	3	3	3
Sodium	ppm	0	2	2	0
Potassium	ppm	<1	1	0	2

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	124	110	102	95
Copper	ppm	6	4	4	4
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	2	<1	0	0
Chromium	ppm	<1	0	0	0
Molybdenum	ppm	<1	0	0	<1
Nickel	ppm	0	<1	0	<1
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	69	71	74	78
Magnesium	ppm	<1	1	0	<1
Zinc	ppm	0	0	0	3
Phosphorus	ppm	227	189	192	187
Barium	ppm	10	0	0	0
Boron	ppm	73	79	89	93

Depot: PARPLA
Unique No: 10886696
Signed: Don Baldrige
Report Date: 21 Feb 2024

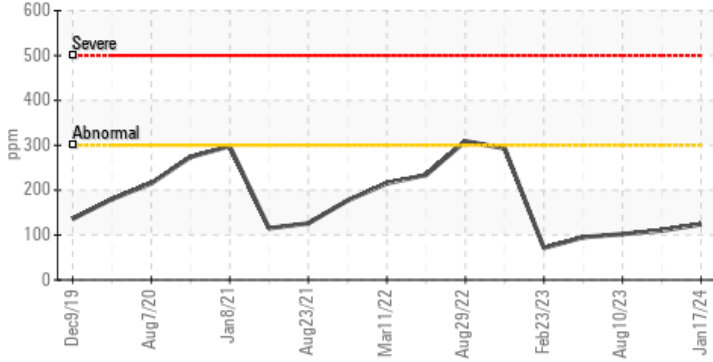


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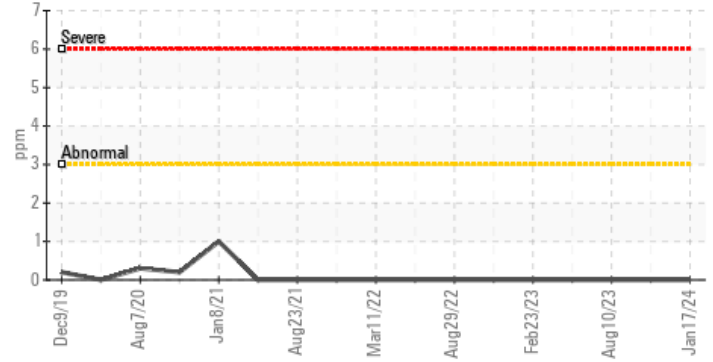


GRAPHS

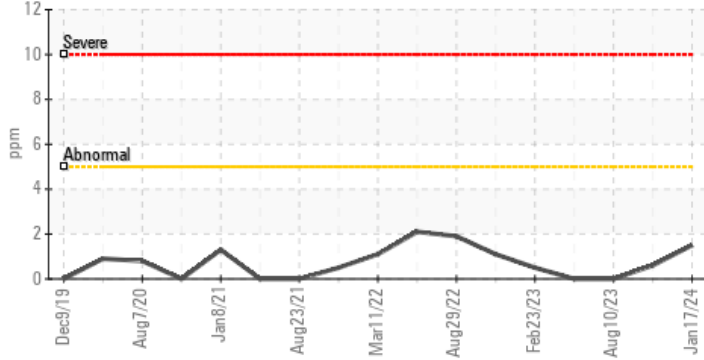
Iron (ppm)



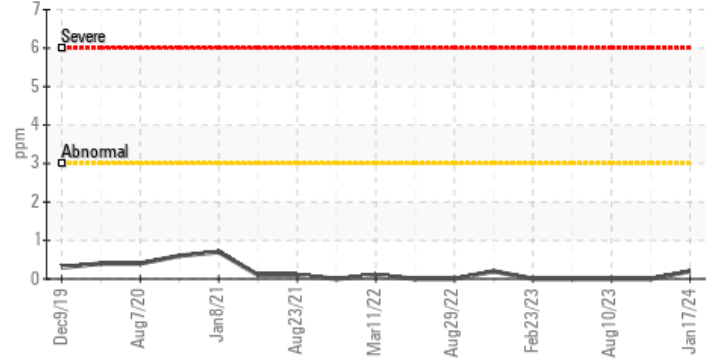
Lead (ppm)



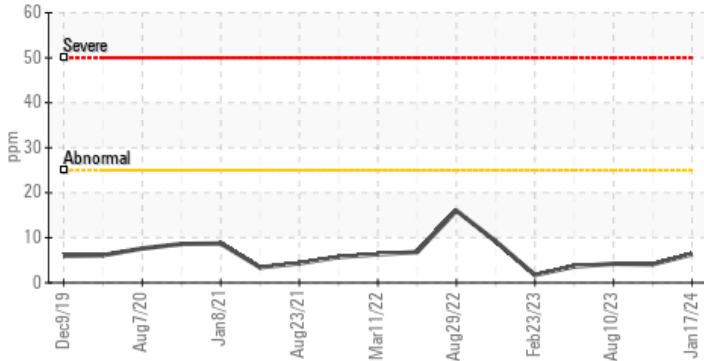
Aluminum (ppm)



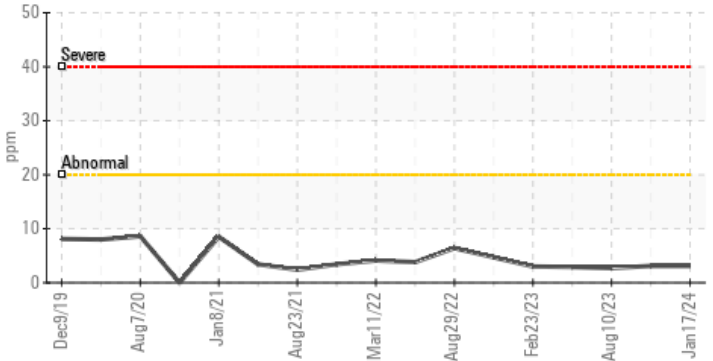
Chromium (ppm)



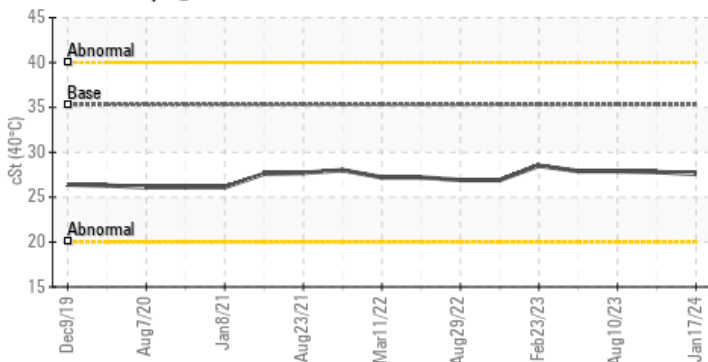
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

