



CONSTRUCTION EQUIPMENT

VOLVO L150F 14205 - TRANSMISSION (AUTO)



Sample No: VCP312536

Oil Type: MOBIL ATF

Job No:



SAMPLE INFORMATION

Sample Number	VCP312536	VCP385211	VCP360989	VCP318383
Sample Date	24 Oct 2023	09 Aug 2023	23 Aug 2022	11 Jan 2022
Machine Hours	25033	24538	23260	22797
Oil Hours	495	1079	949	481
Oil Changed	Not Chngd	Changed	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	28.8	28.8	29.4	30.4
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CONTAMINATION

Silicon	ppm	4	9	2	1
Sodium	ppm	0	2	<1	0
Potassium	ppm	4	9	<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	8	15	5	5
Copper	ppm	2	4	2	1
Lead	ppm	0	<1	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	2
Chromium	ppm	<1	0	0	0
Molybdenum	ppm	0	<1	2	2
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	4
Manganese	ppm	0	2	0	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	100	89	215	207
Magnesium	ppm	2	<1	30	30
Zinc	ppm	14	29	74	73
Phosphorus	ppm	227	210	277	257
Barium	ppm	0	0	0	0
Boron	ppm	97	83	114	98

Depot: SCHGRE
Unique No: 10724414
Signed: Wes Davis
Report Date: 02 Nov 2023

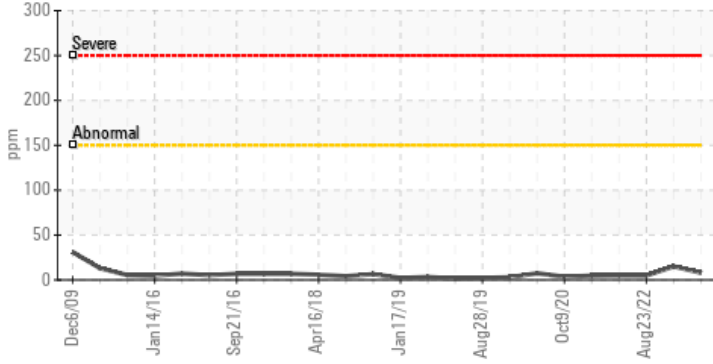


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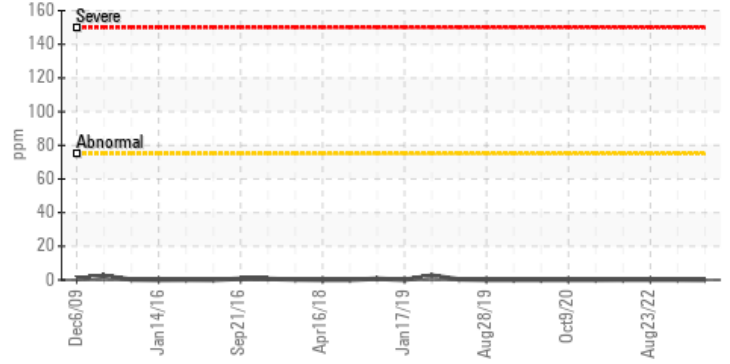


GRAPHS

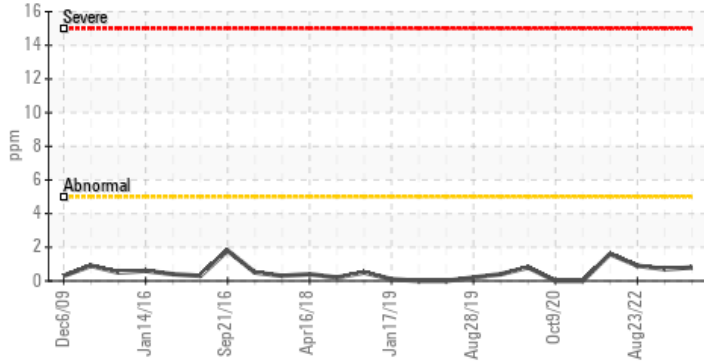
Iron (ppm)



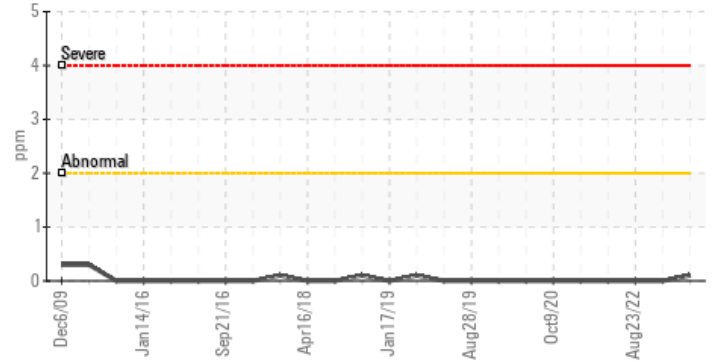
Lead (ppm)



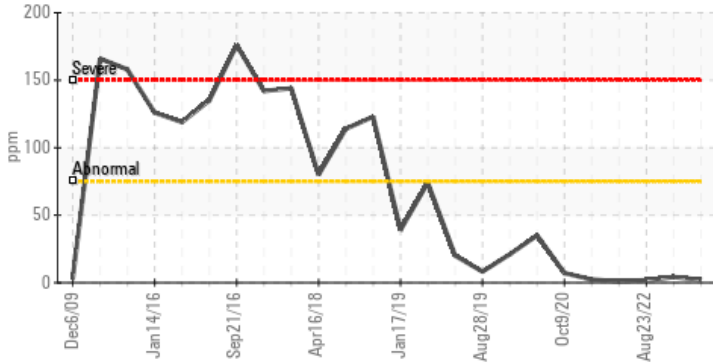
Aluminum (ppm)



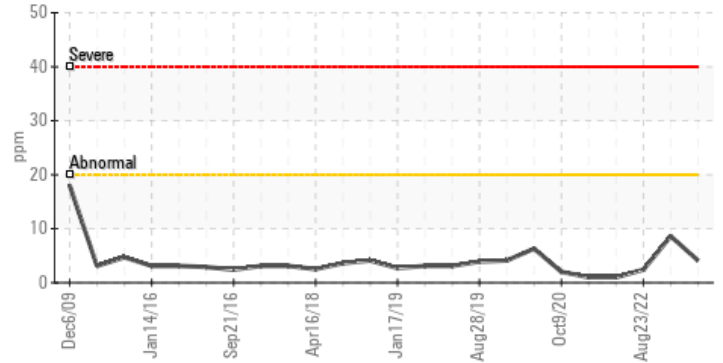
Chromium (ppm)



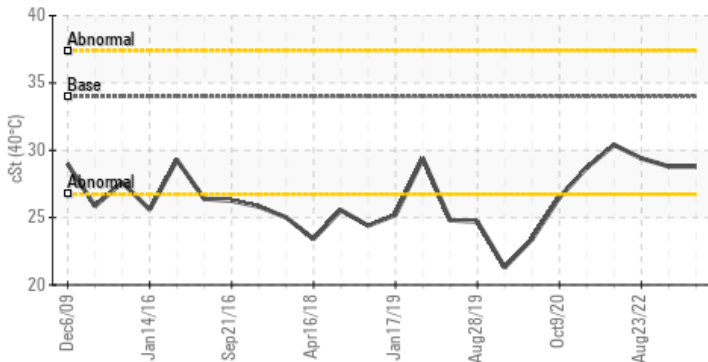
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

