



CONSTRUCTION EQUIPMENT

134053 VOLVO A25G 740144 - BRAKE



Sample No: VCP419440

Oil Type: NOT GIVEN

Job No: 134053



SAMPLE INFORMATION

Sample Number	VCP419440	VCP419832	VCP383751	VCP361726
Sample Date	18 Aug 2023	02 May 2023	01 Nov 2022	01 Feb 2022
Machine Hours	9495	8939	8552	7576
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	ATTENTION

FCS CONSTRUCTION LLC
 PO BOX 190829
 DALLAS, TX
 US 75219
 Contact: SHANE WHITEWOOD
 shwhitewood@friscoccs.com

T:
F:



OIL CONDITION

Visc @ 40°C	cSt	47.9	53.1	52.3	52.8
-------------	-----	-------------	------	------	------



CONTAMINATION

Silicon	ppm	22	8	8	8
Sodium	ppm	<1	2	1	3
Potassium	ppm	0	0	0	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 oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	44	14	19	15
Copper	ppm	77	102	178	162
Lead	ppm	0	0	0	<1
Tin	ppm	<1	0	<1	<1
Aluminum	ppm	4	2	2	1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	3	6	8	8
Nickel	ppm	<1	<1	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	1	1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	1928	2634	2726	2896
Magnesium	ppm	17	23	32	34
Zinc	ppm	939	1146	1080	1071
Phosphorus	ppm	777	979	930	1020
Barium	ppm	0	0	0	0
Boron	ppm	11	19	26	31

Depot: FCS DAL
Unique No: 10617616
Signed: Jonathan Hester
Report Date: 25 Aug 2023

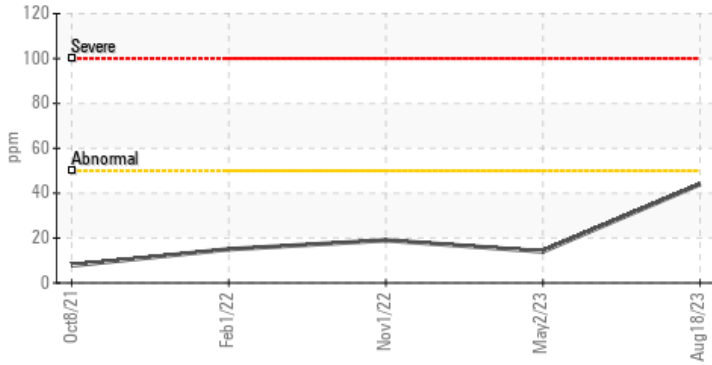


CONSTRUCTION EQUIPMENT

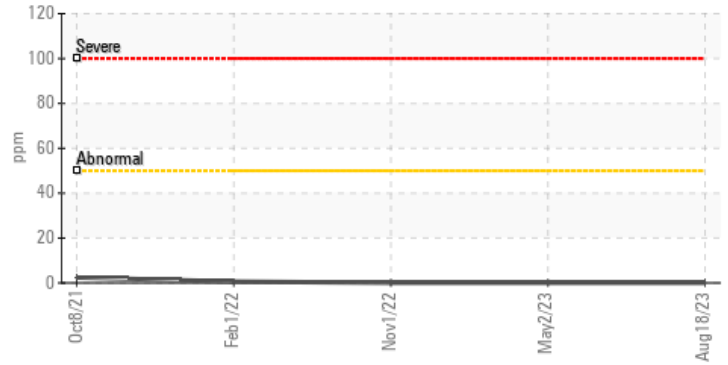


GRAPHS

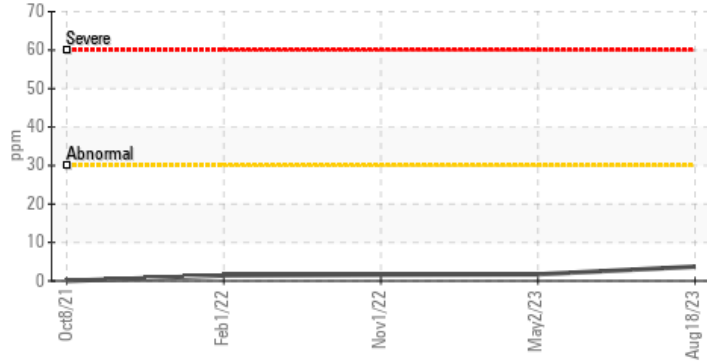
Iron (ppm)



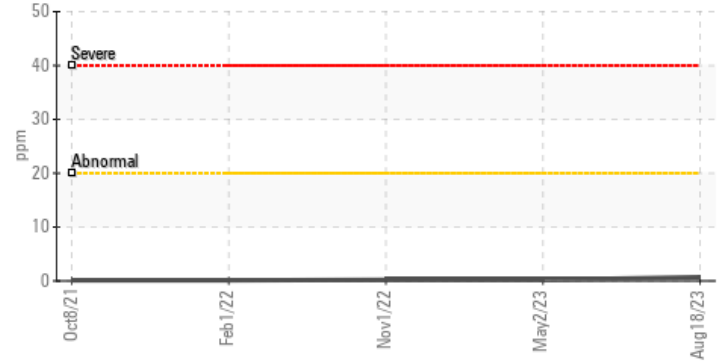
Lead (ppm)



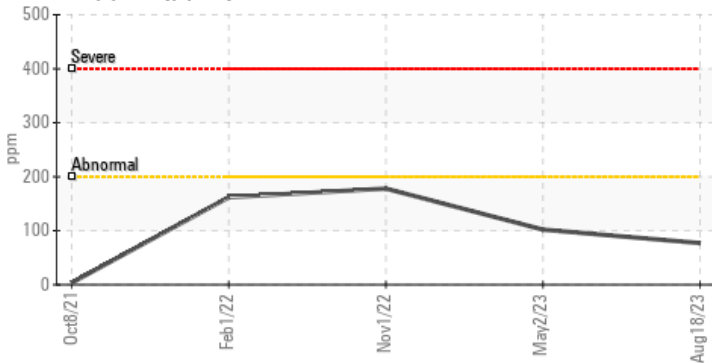
Aluminum (ppm)



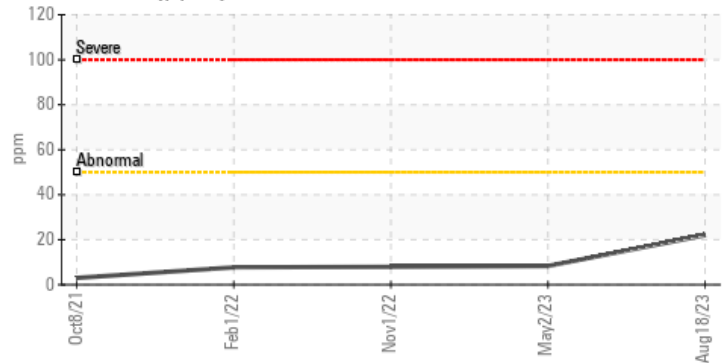
Chromium (ppm)



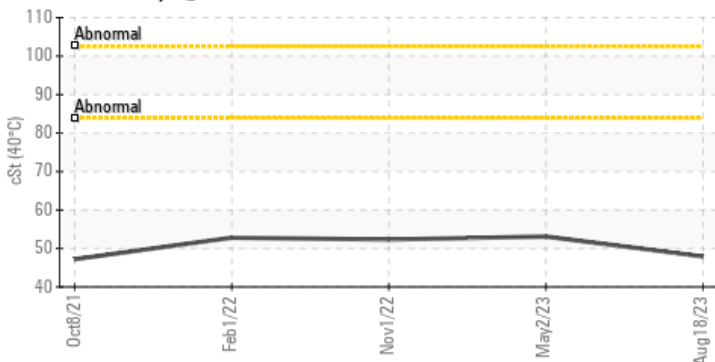
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

