



CONSTRUCTION EQUIPMENT

SWO-070876 VOLVO A30G 742048 - DROP BOX



Sample No: VCP436291
Oil Type: GEAR OIL SAE 80W140
Job No: SWO-070876



SAMPLE INFORMATION

Sample Number	VCP436291	VCP414011	VCP380974	VCP372985
Sample Date	01 Apr 2024	31 Jul 2023	10 Jan 2023	10 Jul 2022
Machine Hours	9280	8911	8548	8263
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	ATTENTION	NORMAL

WHITAKER CONTRACTING

692 CONVICT CAMP RD
 GUNTERVILLE, AL
 US 35976
 Contact: BROTHER WHITAKER
 BrotherWhitaker@whitaker-contracting.com
 T: (256)298-3905
 F:



OIL CONDITION

Visc @ 40°C	cSt	240	246	213	61.7



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	5	4	29	25
Sodium	ppm	1	0	3	4
Potassium	ppm	2	0	2	0



WEAR METALS

Iron	ppm	119	86	187	45
Copper	ppm	9	5	2	<1
Lead	ppm	<1	0	0	0
Tin	ppm	<1	0	0	<1
Aluminum	ppm	1	<1	8	3
Chromium	ppm	2	2	2	<1
Molybdenum	ppm	5	5	7	14
Nickel	ppm	1	<1	<1	<1
Titanium	ppm	<1	0	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	2	1	2	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	140	106	343	1419
Magnesium	ppm	23	22	54	82
Zinc	ppm	87	69	109	577
Phosphorus	ppm	971	971	904	678
Barium	ppm	0	0	0	0
Boron	ppm	169	229	144	75

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.

Depot: WHIGUN
Unique No: 10963665
Signed: Wes Davis
Report Date: 05 Apr 2024

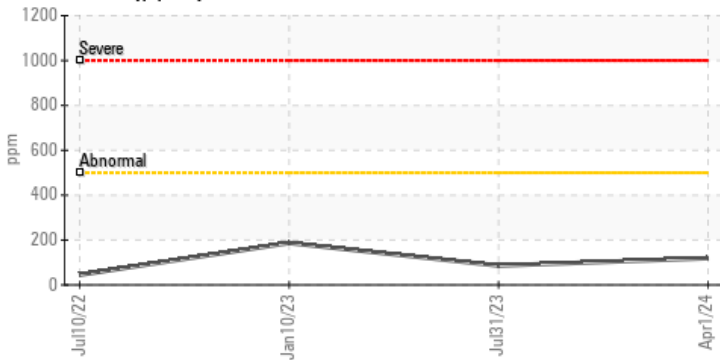


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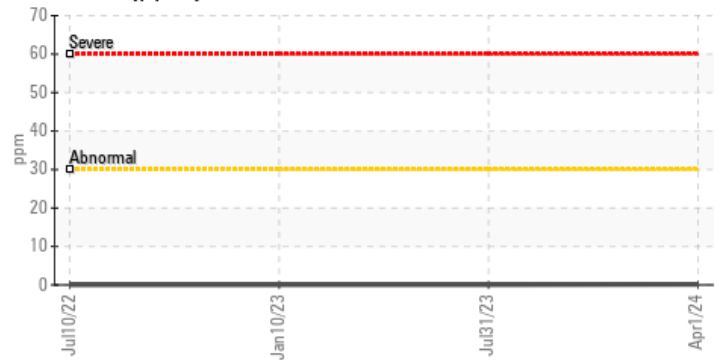


GRAPHS

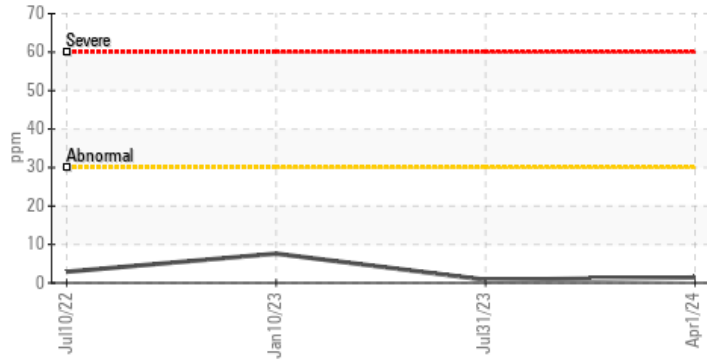
Iron (ppm)



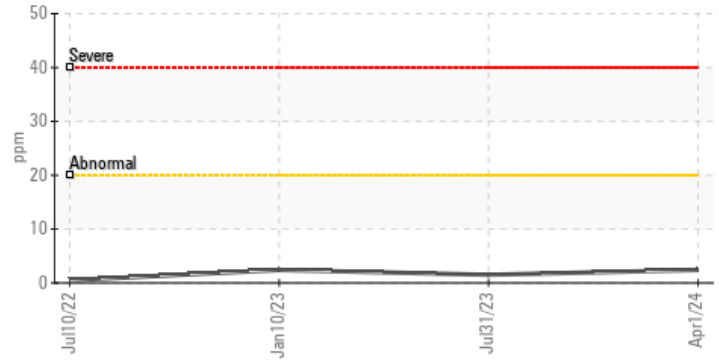
Lead (ppm)



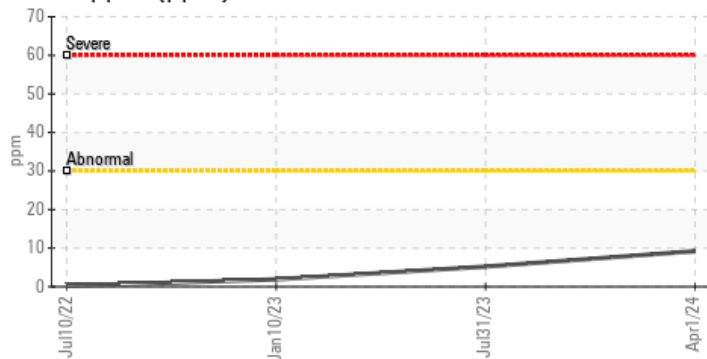
Aluminum (ppm)



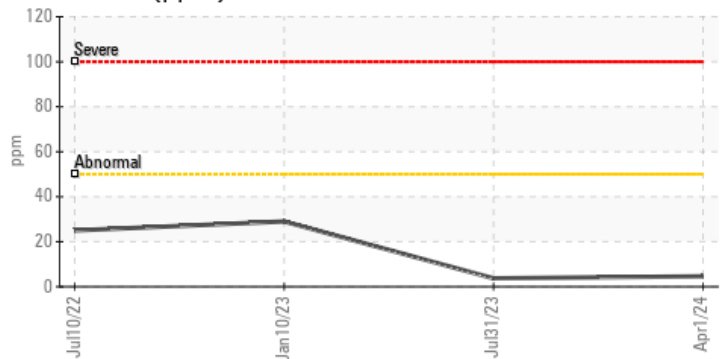
Chromium (ppm)



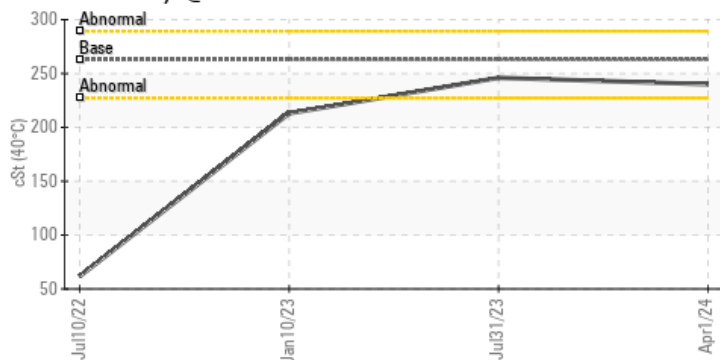
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

