



CONSTRUCTION EQUIPMENT

VOLVO A25G 742 178 - DROP BOX



Sample No: VCP0008165
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP0008165	VCP427051	VCP317348	VCP293539
Sample Date	05 Apr 2024	22 Jun 2023	08 Jul 2021	14 Nov 2020
Machine Hours	0	3810	2334	1114
Oil Hours	0	0	0	1114
Oil Changed	N/A	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ALTA EQUIPMENT COMPANY
 8750 PHILIPS HWY
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 US 32256
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OIL CONDITION

Visc @ 40°C	cSt	271	135	57.9	58.9
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	4	34	30
Sodium	ppm	<1	1	7	7
Potassium	ppm	2	3	2	16

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	31	10	52	39
Copper	ppm	1	<1	1	<1
Lead	ppm	<1	<1	<1	2
Tin	ppm	1	<1	<1	0
Aluminum	ppm	2	3	12	9
Chromium	ppm	1	<1	1	1
Molybdenum	ppm	5	2	12	10
Nickel	ppm	<1	<1	0	0
Titanium	ppm	<1	<1	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	1	<1	2	2
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	65	39	75	76
Magnesium	ppm	12	9	1	<1
Zinc	ppm	72	222	30	34
Phosphorus	ppm	1032	581	1360	1405
Barium	ppm	<1	0	0	<1
Boron	ppm	176	65	202	163

Depot: VOLVO0092
Unique No: 10968249
Signed: Wes Davis
Report Date: 10 Apr 2024

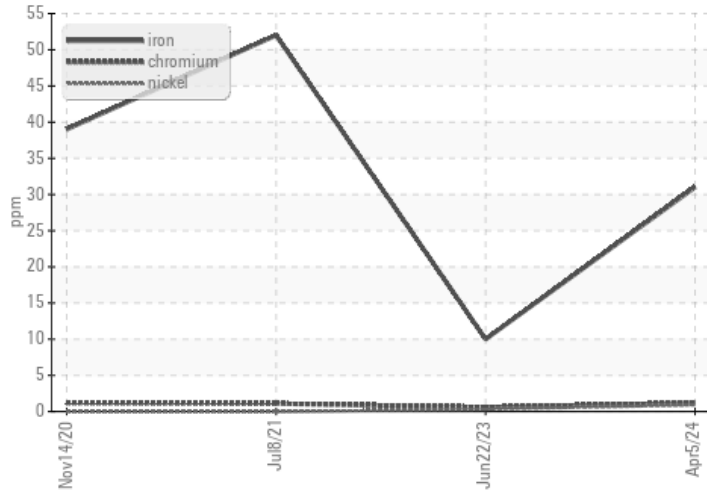


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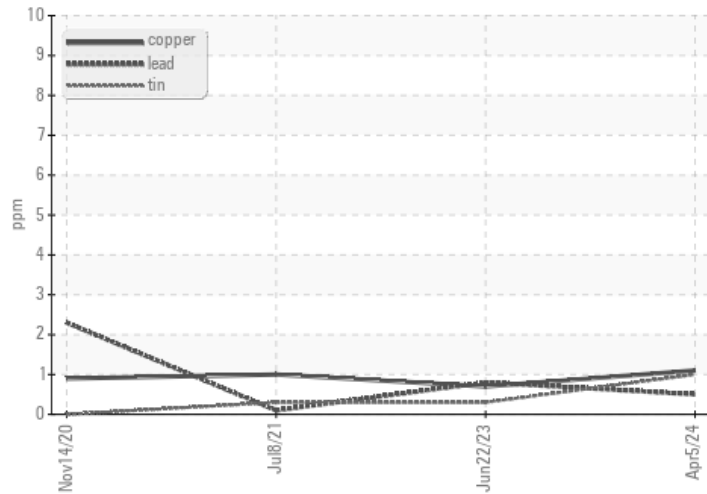


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

