



CONSTRUCTION EQUIPMENT

W07013955-1 STANLEY VOLVO A35G 342021 - REAR AXLE



Sample No: VCP412082
Oil Type: GEAR OIL SAE 75W80
Job No: W07013955-1 STANLEY



SAMPLE INFORMATION

Sample Number	VCP412082	VCP409880	VCP338700	VCP221377
Sample Date	19 Dec 2023	17 Jul 2023	16 Dec 2021	20 Dec 2018
Machine Hours	8036	7467	5136	979
Oil Hours	0	0	5136	0
Oil Changed	Changed	Not Chngd	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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 US 23060
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OIL CONDITION

Visc @ 40°C	cSt	52.6	50.4	86.7	53.55
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	6	3	1	4
Sodium	ppm	1	3	1	4
Potassium	ppm	0	0	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 oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	49	116	63	359
Copper	ppm	<1	1	<1	4
Lead	ppm	0	0	0	1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	3	1
Chromium	ppm	<1	2	<1	6
Molybdenum	ppm	1	<1	3	4
Nickel	ppm	0	0	0	1
Titanium	ppm	0	0	1	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	3	2	17
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	8	26	96	21
Magnesium	ppm	0	5	22	1
Zinc	ppm	7	8	60	12
Phosphorus	ppm	2575	2481	986	2212
Barium	ppm	0	0	0	0
Boron	ppm	291	276	111	248

Depot: VOLVO8882
Unique No: 10804163
Signed: Jonathan Hester
Report Date: 27 Dec 2023

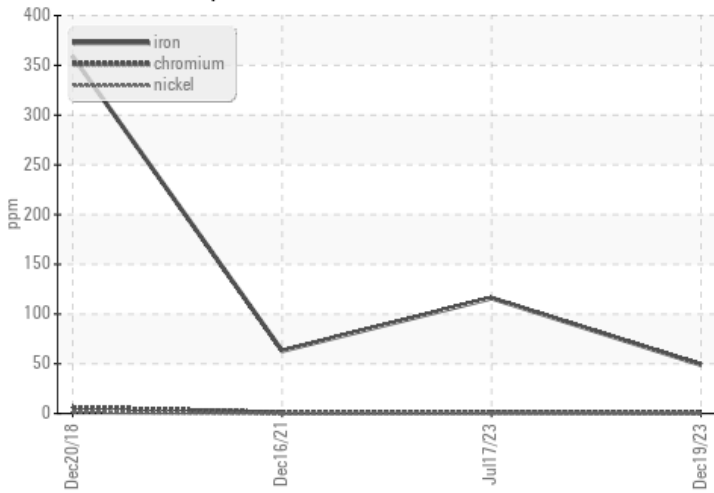


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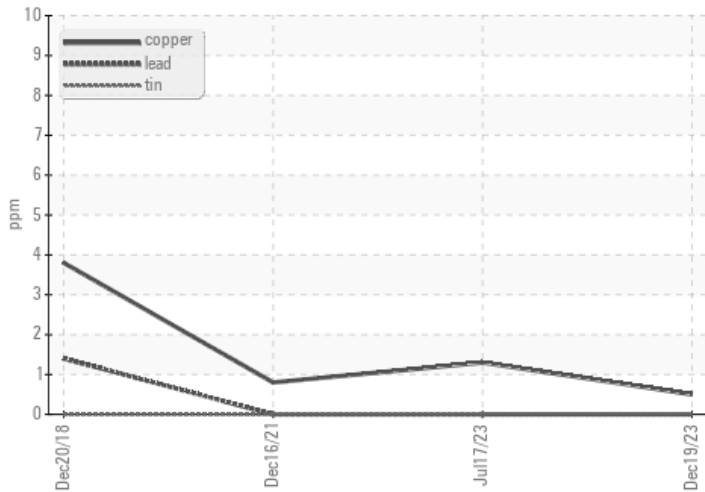


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

