



CONSTRUCTION EQUIPMENT

554566 APTIM VOLVO A35G 340238 - COOLANT



Sample No: VCP424864
Oil Type: VOLVO COOLANT VCS (YELLOW)
Job No: 554566 APTIM



SAMPLE INFORMATION

Sample Number	VCP424864	---	---	---
Sample Date	31 May 2023	---	---	---
Machine Hours	8953	---	---	---
Sample Status	NORMAL	---	---	---

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 Contact: JOHN FARDELLA
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COOLANT CONDITION

pH	Scale 0-14	■ 7.42	---	---	---
Reserve Alkalinity	Scale 0-20	---	---	---	---
Nitrites	ppm	■ NT	---	---	---
Percentage Glycol	%	■ 47.0	---	---	---
Freezing Point	°C	■ -28	---	---	---

Diagnosis

No corrective action is recommended at this time. The fluid is suitable for further service. There is no indication of any contamination in the coolant. Carboxylate test failed. The glycol level is acceptable. The pH level of this fluid is within the acceptable limits.



CONTAMINATION

Coolant Appearance	normal	---	---	---
Coolant Color	Yllow	---	---	---

Depot: VOLVO0093
Unique No: 10526343
Signed: Jonathan Hester
Report Date: 28 Jun 2023

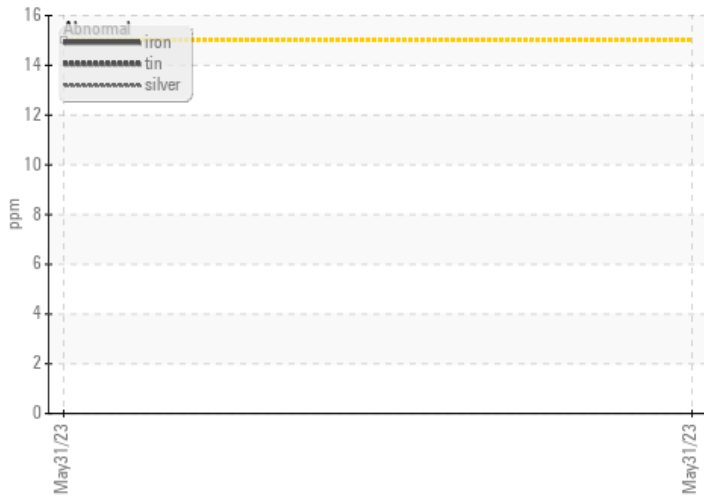


CONSTRUCTION EQUIPMENT

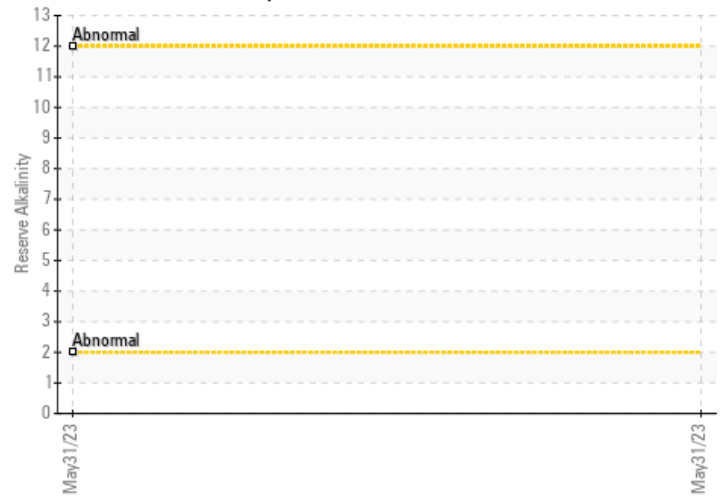


GRAPHS

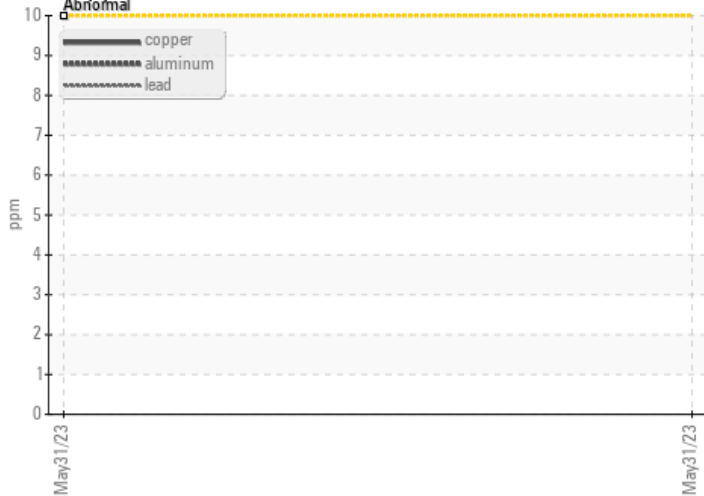
Iron/Tin/Silver



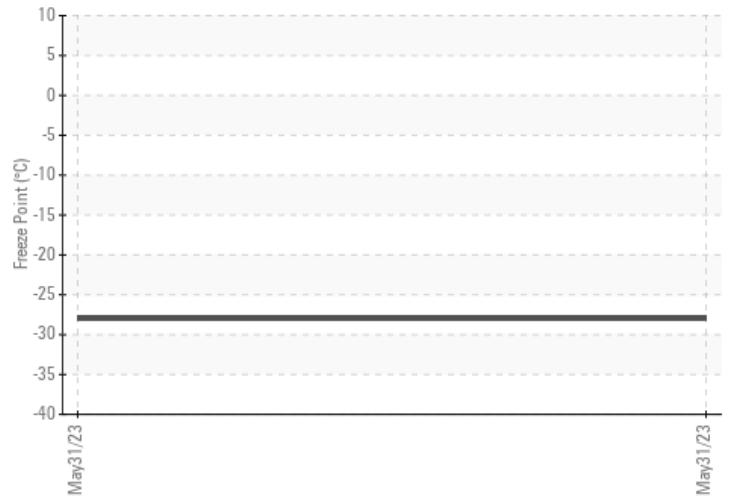
Reserve Alkalinity



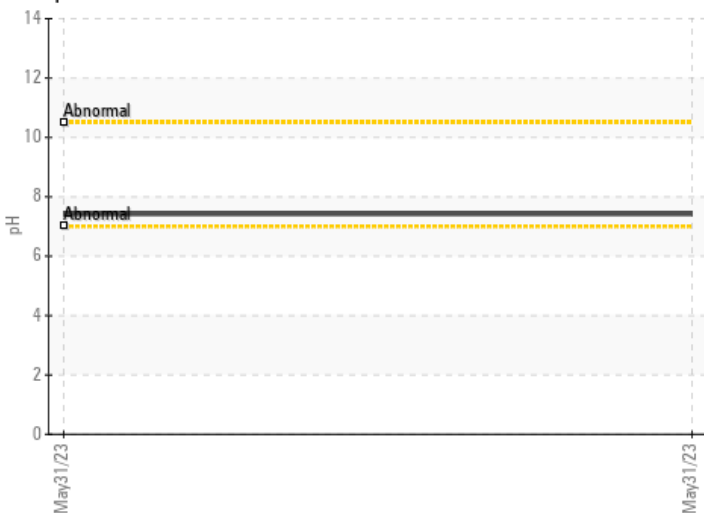
Copper/Aluminum/Lead



Freeze Point



pH



Nitrites





CONSTRUCTION EQUIPMENT

717070 APTIM VOLVO A35G 340238 - DIESEL ENGINE



Sample No: VCP451199
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 717070 APTIM



SAMPLE INFORMATION

Sample Number	VCP451199	VCP430483	VCP440806	VCP417584
Sample Date	29 May 2024	22 Feb 2024	26 Oct 2023	31 May 2023
Machine Hours	10638	10080	9506	8953
Oil Hours	500	500	500	500
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	ATTENTION	ATTENTION	ATTENTION	ATTENTION

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OIL CONDITION

Visc @ 100°C	cSt	11.8	12.0	12.1	12.2
Base Number (BN)	mg KOH/g	9.0	8.4	9.5	9.1
Oxidation (PA)	%	69	65	81	84

Diagnosis

Oil and filter change at the time of sampling has been noted. 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 oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Soot %	%	0.2	0.2	0.2	0.2
Nitration (PA)	%	67	68	68	66
Sulfation (PA)	%	56	54	60	61
Glycol	%	NEG	NEG	NEG	NEG
Fuel	%	<1.0	<1.0	<1.0	<1.0
Silicon	ppm	5	5	6	4
Sodium	ppm	4	<1	3	3
Potassium	ppm	<1	0	0	0



WEAR METALS

Iron	ppm	6	4	7	6
Copper	ppm	1	0	<1	<1
Lead	ppm	1	<1	1	0
Tin	ppm	<1	<1	<1	<1
Aluminum	ppm	2	3	3	0
Chromium	ppm	<1	0	<1	0
Molybdenum	ppm	43	54	41	43
Nickel	ppm	0	0	<1	0
Titanium	ppm	<1	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	<1	0	<1	0



ADDITIVES

Calcium	ppm	1546	1283	1609	1655
Magnesium	ppm	617	795	495	508
Zinc	ppm	1107	1194	1114	1080
Phosphorus	ppm	964	1019	926	902
Barium	ppm	0	0	0	0
Boron	ppm	27	7	25	26

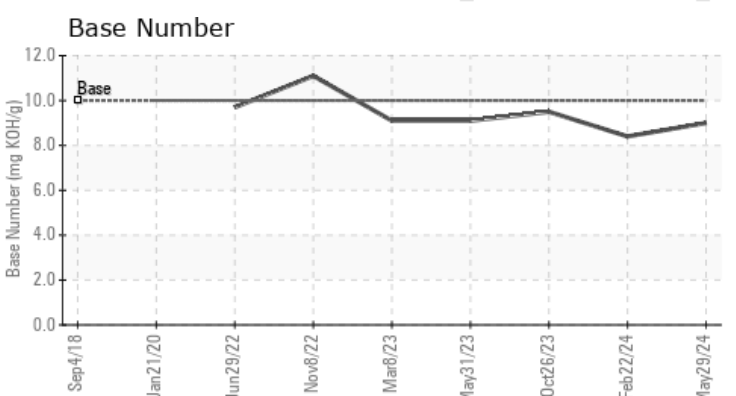
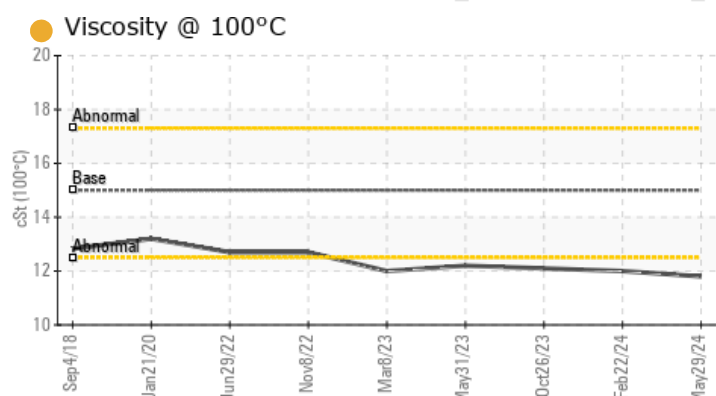
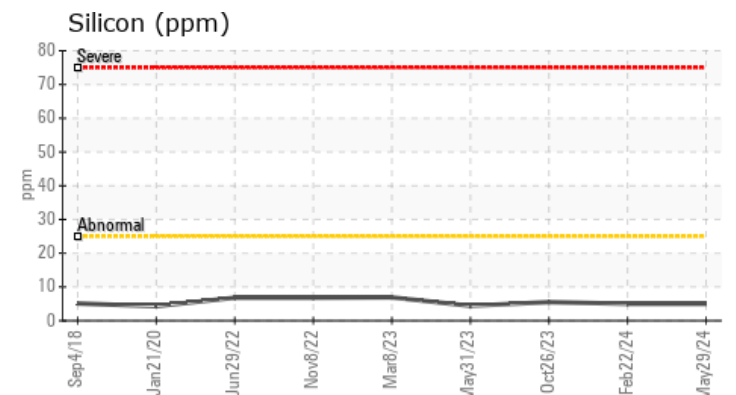
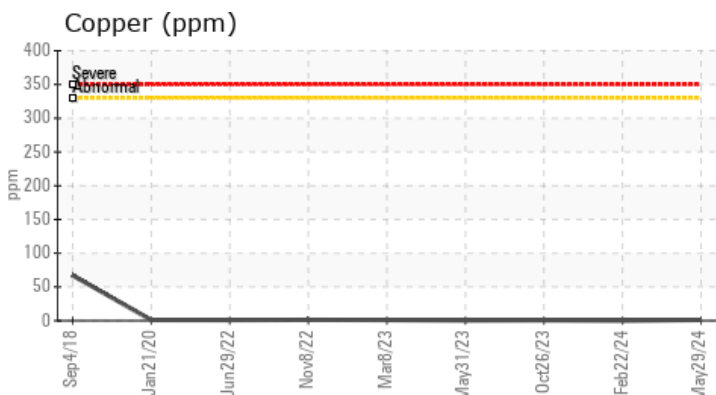
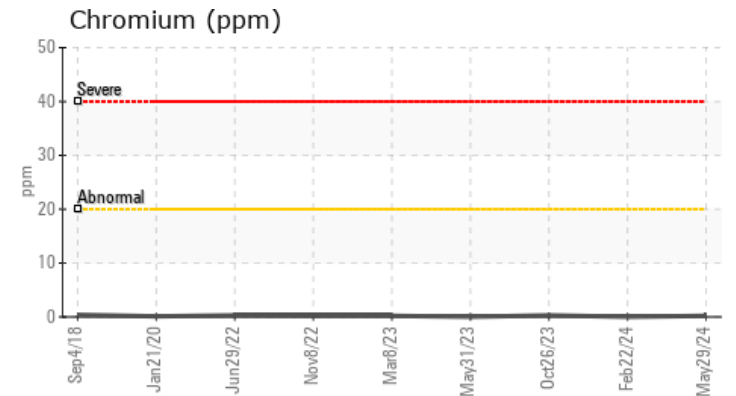
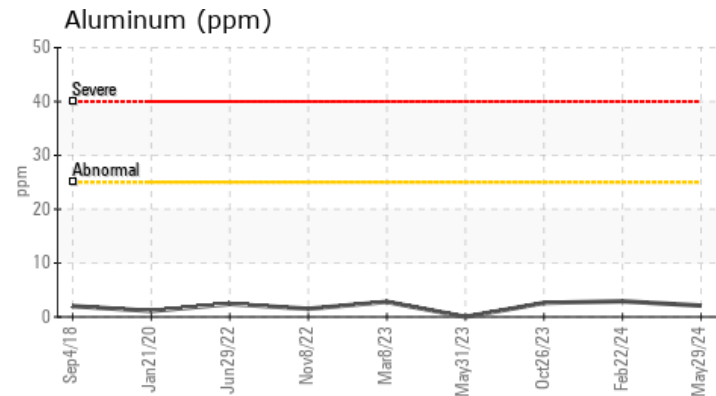
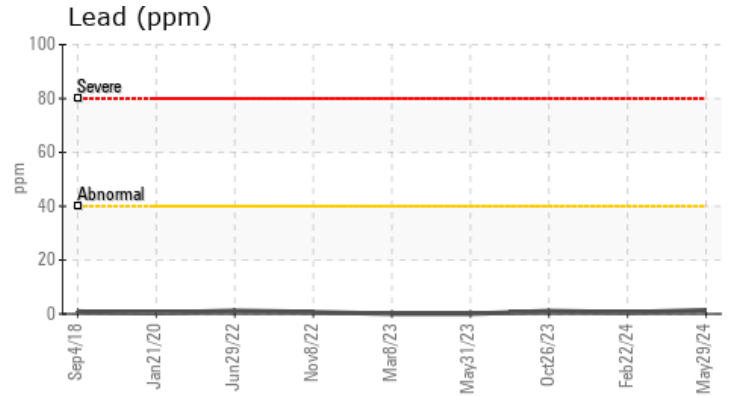
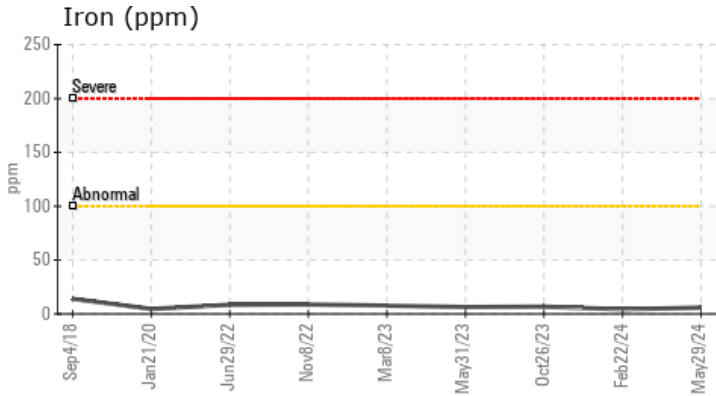
Depot: VOLVO0093
Unique No: 11071683
Signed: Sean Felton
Report Date: 12 Jun 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS





CONSTRUCTION EQUIPMENT

717070 APTIM VOLVO A35G 340238 - TRANSMISSION (AUTO)



Sample No: VCP455482
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 717070 APTIM



SAMPLE INFORMATION

Sample Number	VCP455482	VCP444255	VCP393782	VCP394446
Sample Date	29 May 2024	22 Feb 2024	31 May 2023	08 Mar 2023
Machine Hours	10638	10080	8953	8343
Oil Hours	639	1000	2000	2000
Oil Changed	Not Chngd	Not Chngd	Changed	Changed
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	27.6	28.1	27.1	27.2
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CONTAMINATION

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

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	29	22	42	39
Copper	ppm	10	7	18	15
Lead	ppm	0	0	0	0
Tin	ppm	3	2	6	4
Aluminum	ppm	19	14	▲ 27	21
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	0	0	<1	<1
Nickel	ppm	2	<1	3	2
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	1	0
Manganese	ppm	<1	<1	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	74	57	83	89
Magnesium	ppm	1	0	2	6
Zinc	ppm	12	0	5	0
Phosphorus	ppm	192	185	183	196
Barium	ppm	<1	0	0	0
Boron	ppm	97	89	81	75

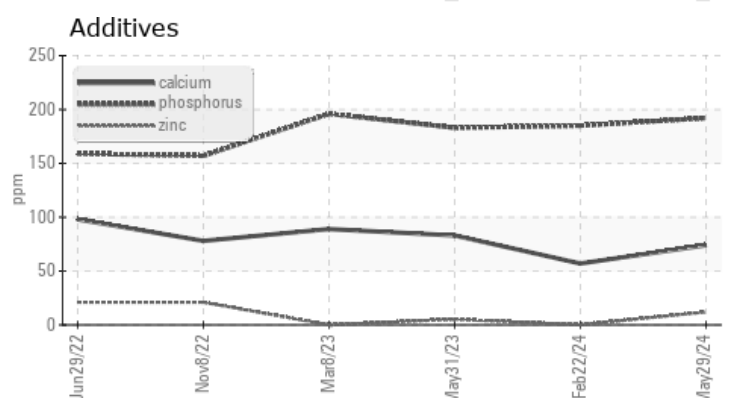
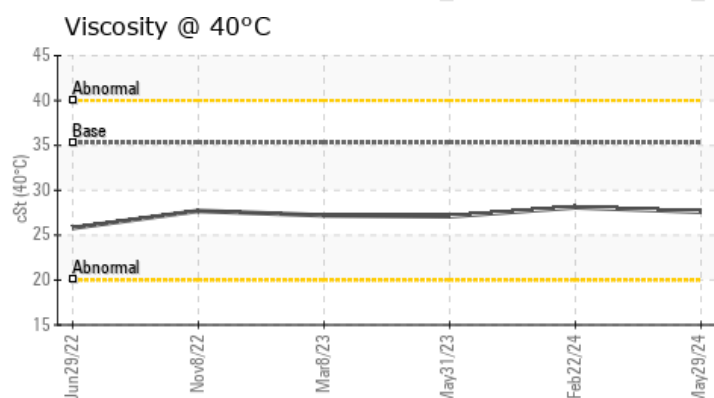
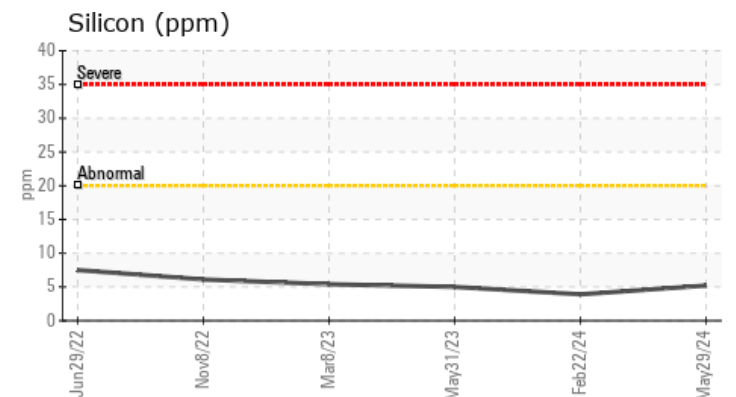
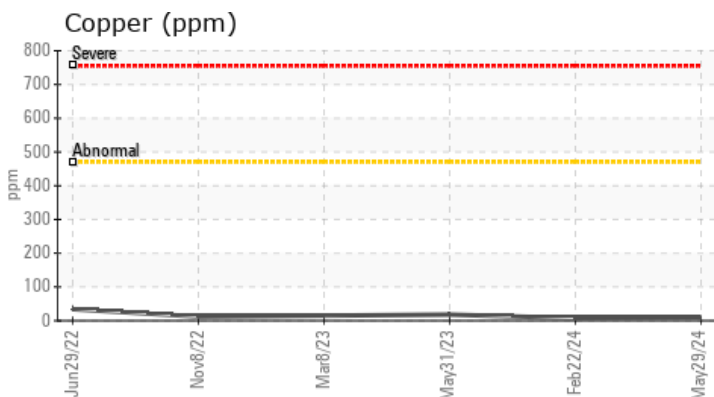
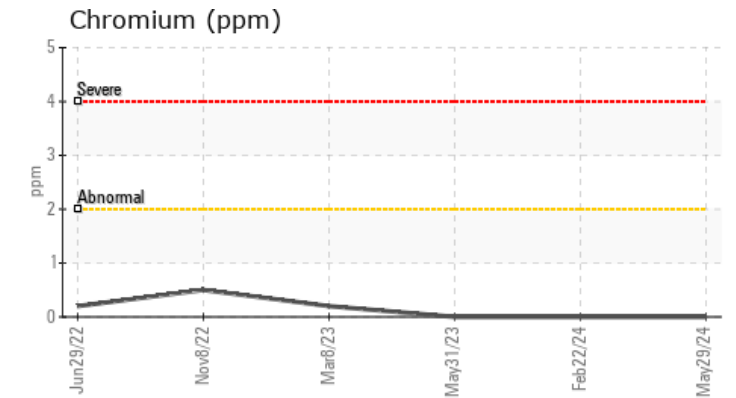
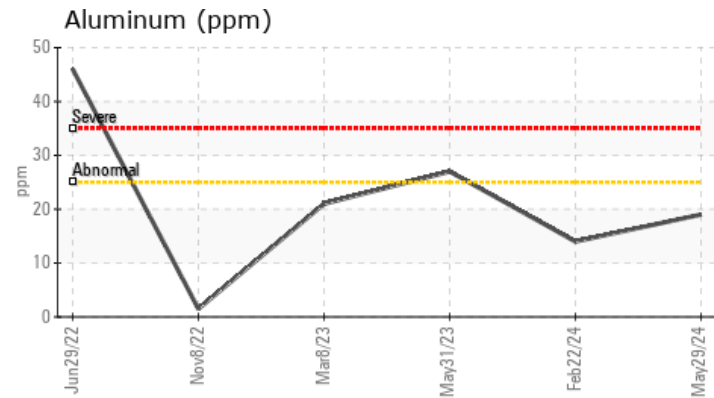
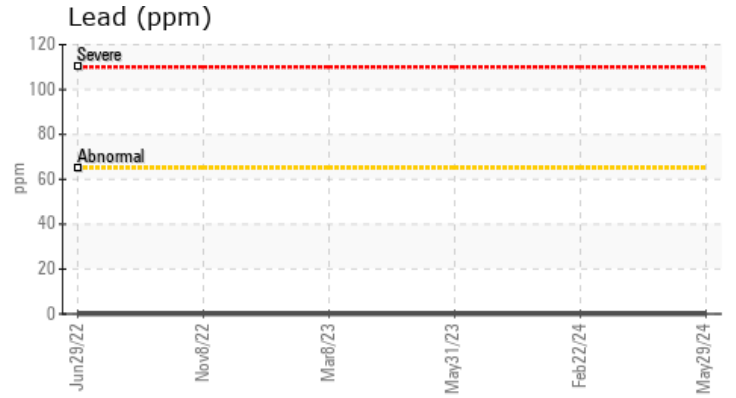
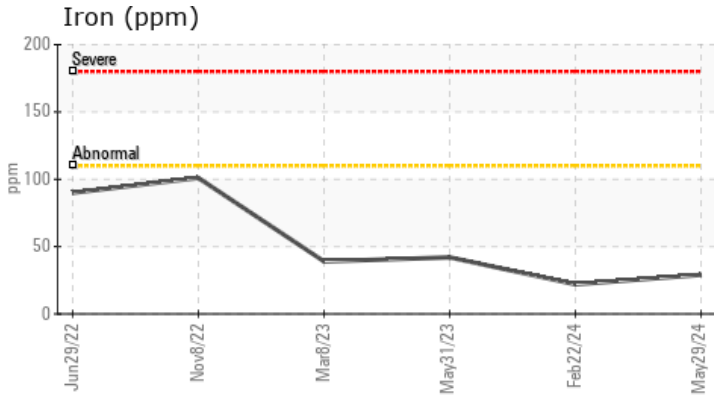
Depot: VOLVO0093
Unique No: 11072679
Signed: Doug Bogart
Report Date: 12 Jun 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS





CONSTRUCTION EQUIPMENT

674998 APTIM VOLVO A35G 340238 - BRAKE COOLING SYSTEM



Sample No: VCP444313
Oil Type: VOLVO WB 102
Job No: 674998 APTIM



SAMPLE INFORMATION

Sample Number	VCP444313	VCP407834	VCP393920	VCP354422
Sample Date	22 Feb 2024	31 May 2023	08 Mar 2023	29 Jun 2022
Machine Hours	10080	8953	8343	6996
Oil Hours	2000	4000	2000	2000
Oil Changed	Not Chngd	Changed	Not Chngd	Not Chngd
Sample Status	ABNORMAL	ABNORMAL	ABNORMAL	ABNORMAL

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 F: (813)630-2233



OIL CONDITION

Visc @ 40°C	cSt	42.0	41.7	68.7	42.0
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	13	13	13	13
Sodium	ppm	4	0	5	6
Potassium	ppm	0	2	2	0

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level is abnormal. All other 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	27	27	30	24
Copper	ppm	428	458	367	389
Lead	ppm	1	1	6	1
Tin	ppm	0	0	<1	<1
Aluminum	ppm	<1	0	<1	<1
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	1	2	3	2
Nickel	ppm	5	6	5	4
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	2	2	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3227	3431	3442	3322
Magnesium	ppm	8	29	39	31
Zinc	ppm	1398	1418	1508	1334
Phosphorus	ppm	1258	1248	1221	1148
Barium	ppm	0	0	0	0
Boron	ppm	99	106	103	107

Depot: VOLVO0093
Unique No: 10926271
Signed: Don Baldrige
Report Date: 15 Mar 2024

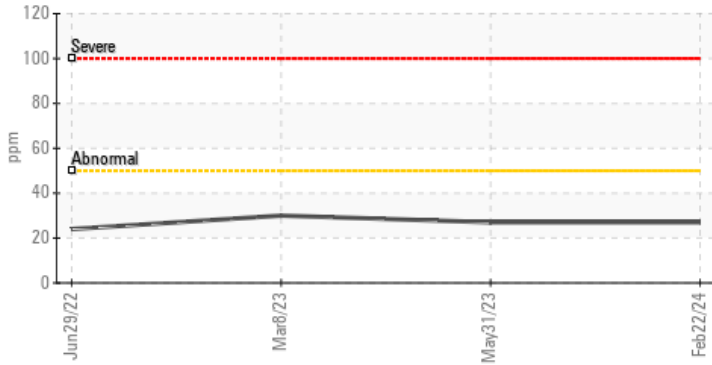


CONSTRUCTION EQUIPMENT

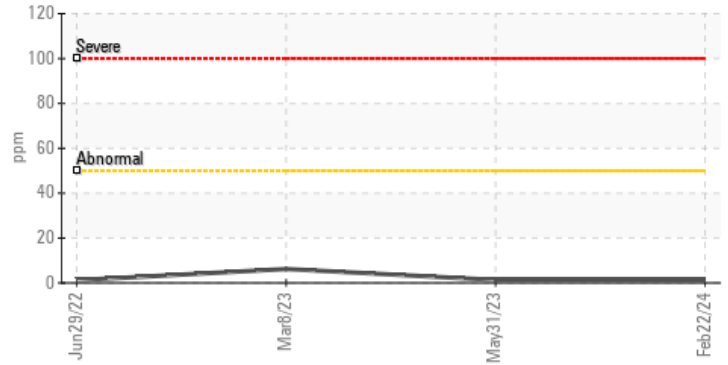


GRAPHS

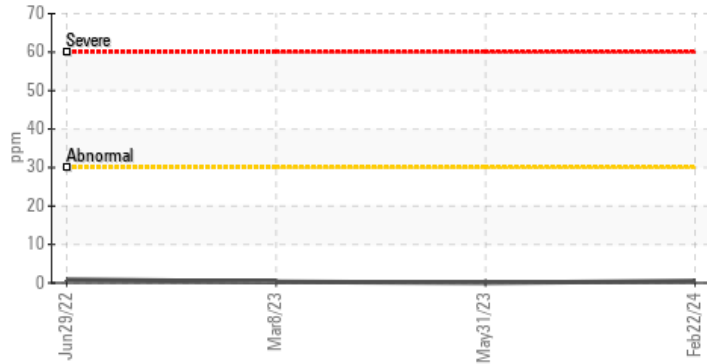
Iron (ppm)



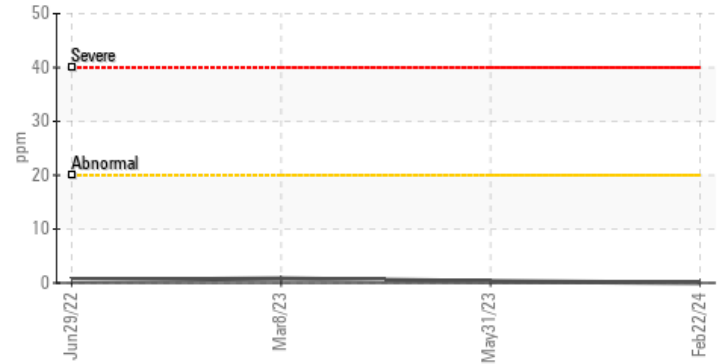
Lead (ppm)



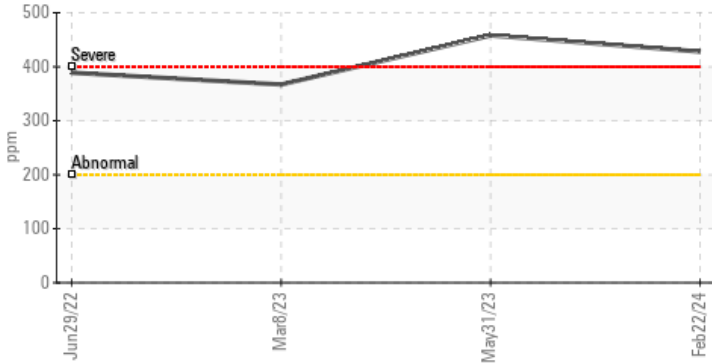
Aluminum (ppm)



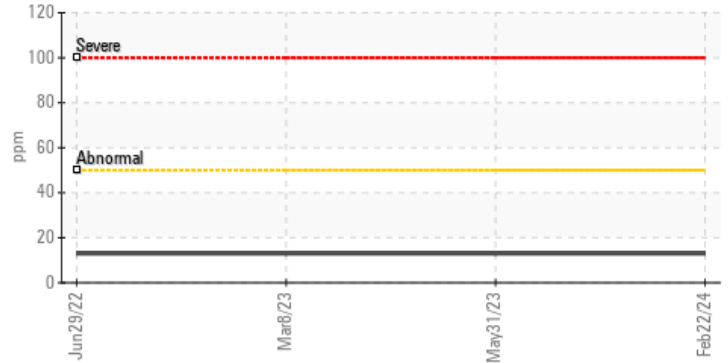
Chromium (ppm)



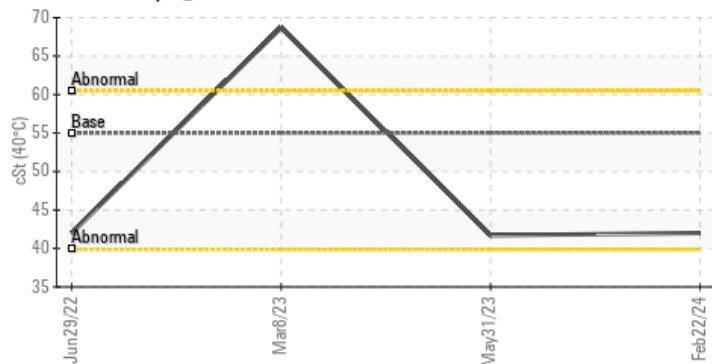
Copper (ppm)



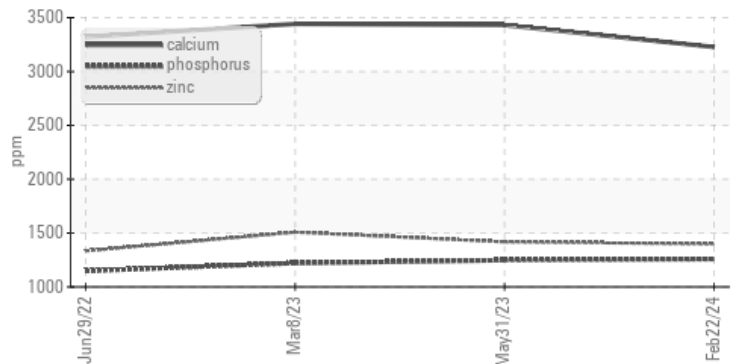
Silicon (ppm)



Viscosity @ 40°C



Additives





CONSTRUCTION EQUIPMENT

674998 APTIM VOLVO A35G 340238 - HYDRAULIC SYSTEM



Sample No: VCP441871
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 674998 APTIM



SAMPLE INFORMATION

Sample Number	VCP441871	VCP424534	VCP393937	VCP362293
Sample Date	22 Feb 2024	31 May 2023	08 Mar 2023	29 Jun 2022
Machine Hours	10080	8953	8343	6996
Oil Hours	1000	4000	2000	2000
Oil Changed	Not Chngd	Changed	Not Chngd	Not Chngd
Sample Status	NORMAL	ATTENTION	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	39.3	39.6	38.8	39.4
Acid Number (AN)	mg KOH/g	0.45	0.42	0.38	0.44



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Particles >4µm		1197	5444	7461	5073
Particles >6µm		272	1845	1728	962
Particles >14µm		9	173	83	82
ISO 4406:1999 (c)		17/15/10	20/18/15	20/18/14	20/17/14
Silicon	ppm	5	4	5	5
Sodium	ppm	8	6	5	2
Potassium	ppm	0	0	0	2

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



WEAR METALS

Iron	ppm	18	19	18	19
Copper	ppm	18	16	16	19
Lead	ppm	4	2	4	4
Tin	ppm	<1	0	<1	<1
Aluminum	ppm	2	0	2	2
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	0	0	<1	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	<1	0	<1	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	82	82	83	103
Magnesium	ppm	3	5	8	6
Zinc	ppm	340	417	435	437
Phosphorus	ppm	315	338	333	329
Barium	ppm	0	0	0	2
Boron	ppm	0	0	0	2

Depot: VOLVO0093
Unique No: 10925910
Signed: Wes Davis
Report Date: 14 Mar 2024

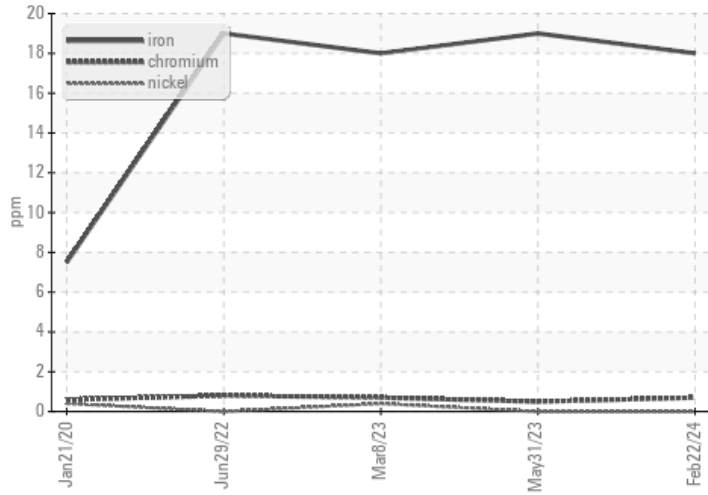


CONSTRUCTION EQUIPMENT

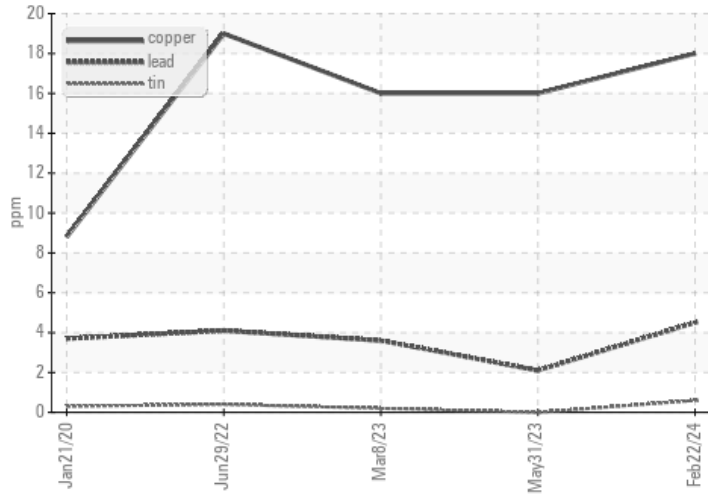


GRAPHS

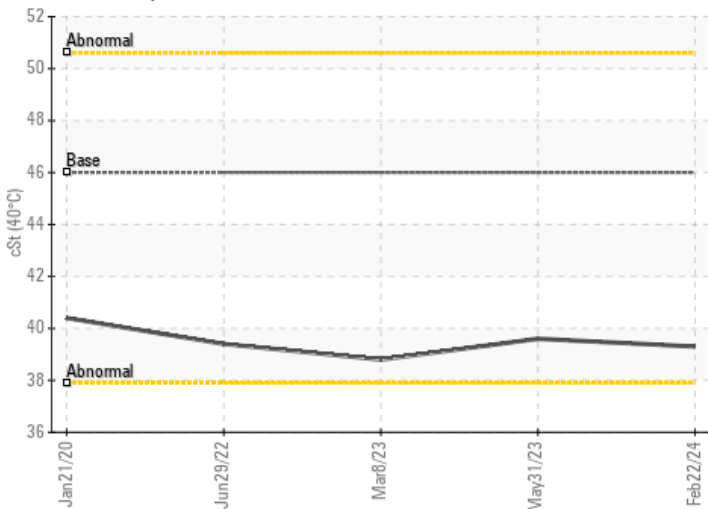
Ferrous Alloys



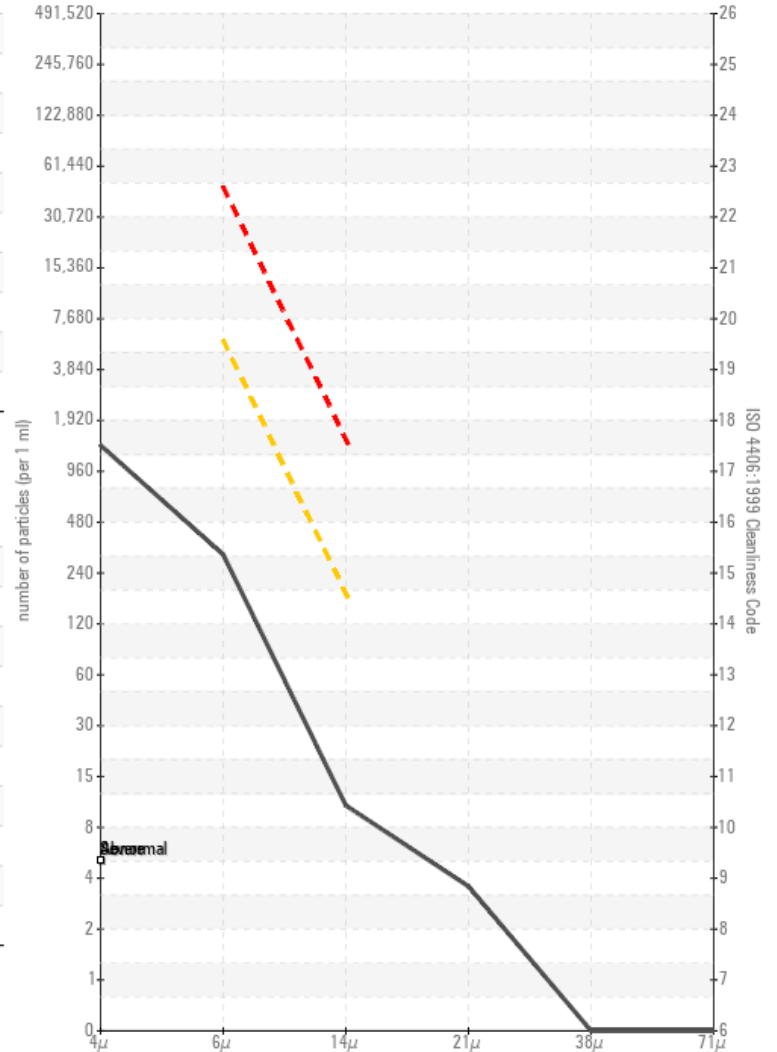
Non-ferrous Metals



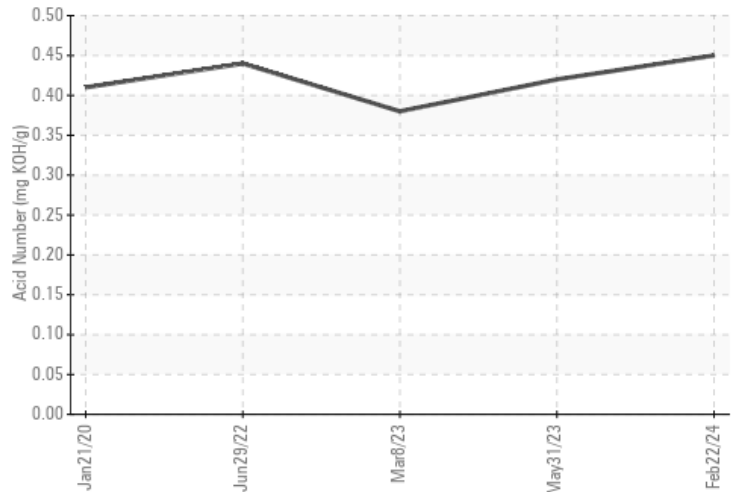
Viscosity @ 40°C



Particle Count



Acid Number





CONSTRUCTION EQUIPMENT

674998 APTIM VOLVO A35G 340238 - FRONT AXLE



Sample No: VCP454382
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 674998 APTIM



SAMPLE INFORMATION

Sample Number	VCP454382	VCP408276	VCP394044	VCP327491
Sample Date	22 Feb 2024	31 May 2023	08 Mar 2023	29 Jun 2022
Machine Hours	10080	8953	8343	6996
Oil Hours	2000	4000	2000	1000
Oil Changed	Not Chngd	Changed	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	275	270	275	274
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	2	3	1
Sodium	ppm	<1	0	1	2
Potassium	ppm	0	<1	2	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	122	118	126	83
Copper	ppm	2	3	2	1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	<1	<1
Chromium	ppm	1	1	2	1
Molybdenum	ppm	3	4	4	2
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	3	3	4	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	84	127	129	88
Magnesium	ppm	0	21	26	14
Zinc	ppm	32	64	64	41
Phosphorus	ppm	1118	1067	1025	680
Barium	ppm	0	0	0	0
Boron	ppm	175	187	167	131

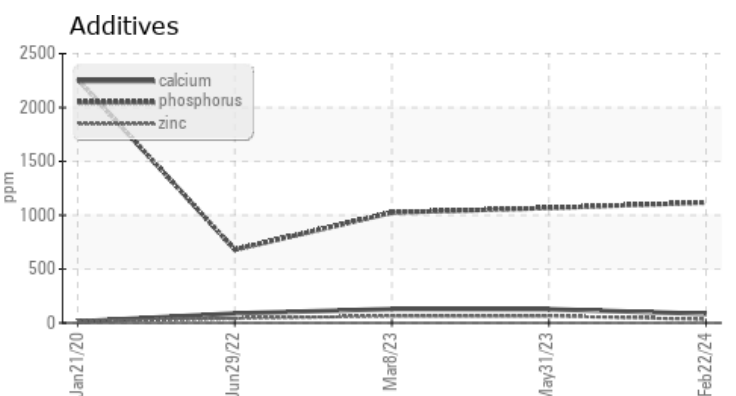
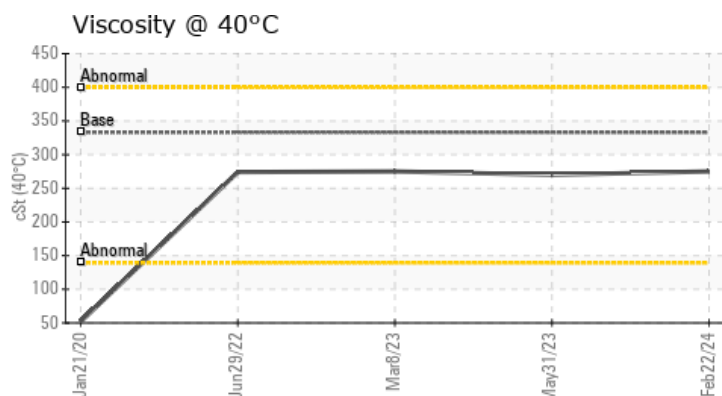
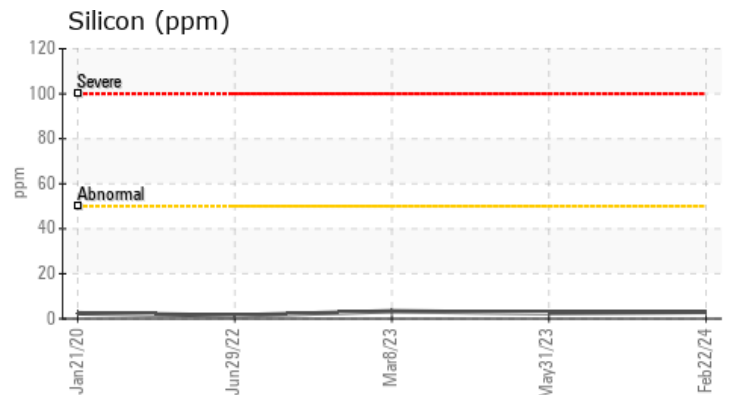
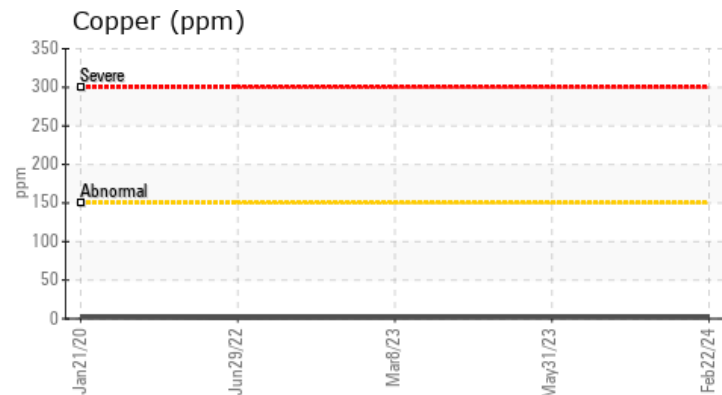
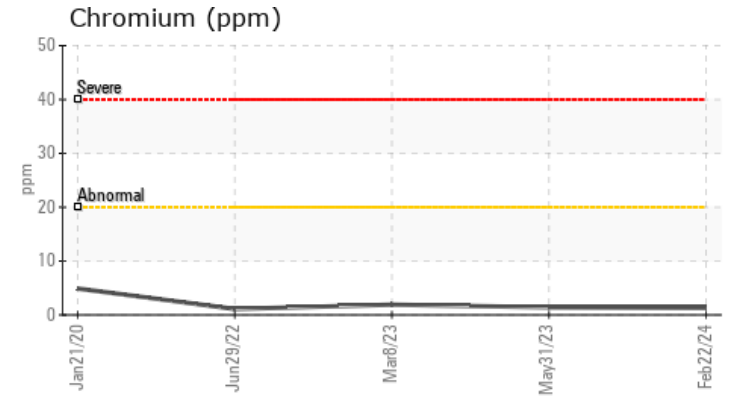
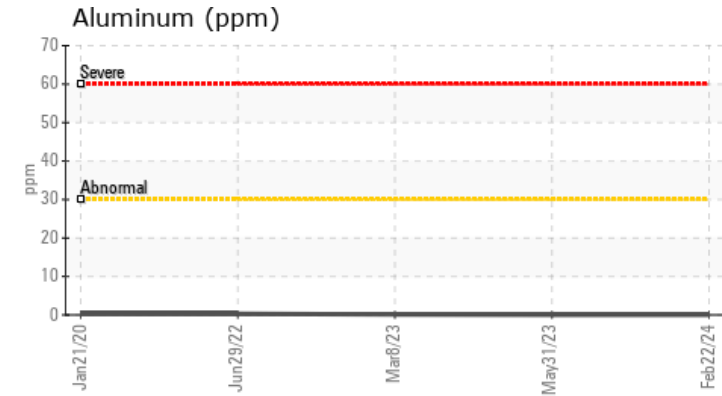
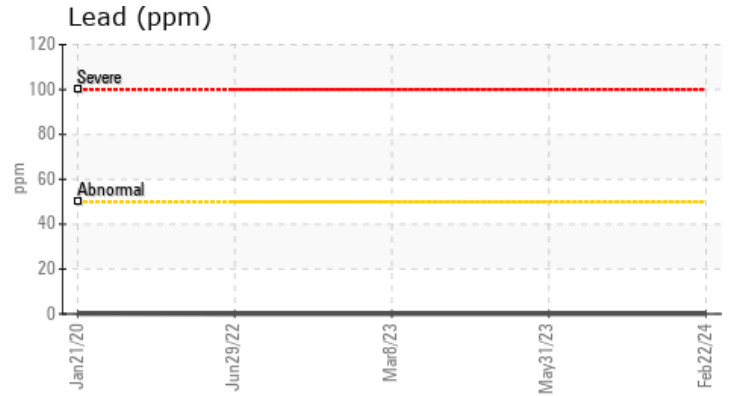
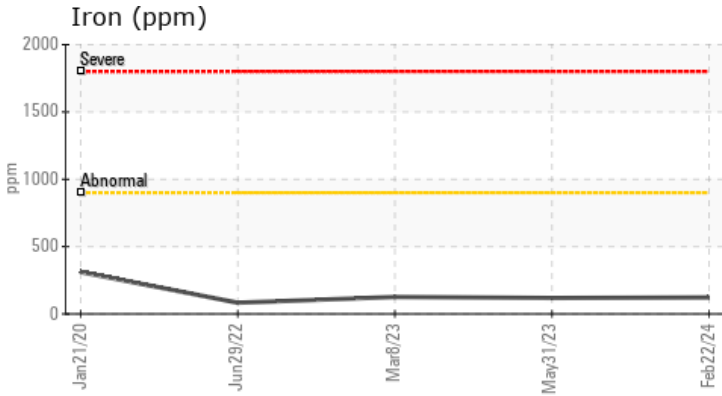
Depot: VOLVO0093
Unique No: 10926267
Signed: Don Baldrige
Report Date: 15 Mar 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS





CONSTRUCTION EQUIPMENT

674998 APTIM VOLVO A35G 340238 - BOGIE/CENTER AXLE



Sample No: VCP444306
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 674998 APTIM



SAMPLE INFORMATION

Sample Number	VCP444306	VCP407864	VCP395026	VCP350741
Sample Date	22 Feb 2024	31 May 2023	08 Mar 2023	29 Jun 2022
Machine Hours	10080	8953	8343	6996
Oil Hours	2000	4000	2000	1000
Oil Changed	Not Changd	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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 TAMPA, FL
 US 33619
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 F: (813)630-2233



OIL CONDITION

Visc @ 40°C	cSt	275	268	275	273
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	2	4	1
Sodium	ppm	<1	0	1	2
Potassium	ppm	0	1	3	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	79	87	93	66
Copper	ppm	1	2	1	1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	<1	<1
Chromium	ppm	1	1	2	1
Molybdenum	ppm	3	4	4	3
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	4	4	4	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	116	119	98	73
Magnesium	ppm	0	21	27	17
Zinc	ppm	36	62	45	43
Phosphorus	ppm	1122	1081	1038	820
Barium	ppm	0	0	0	0
Boron	ppm	180	192	172	155

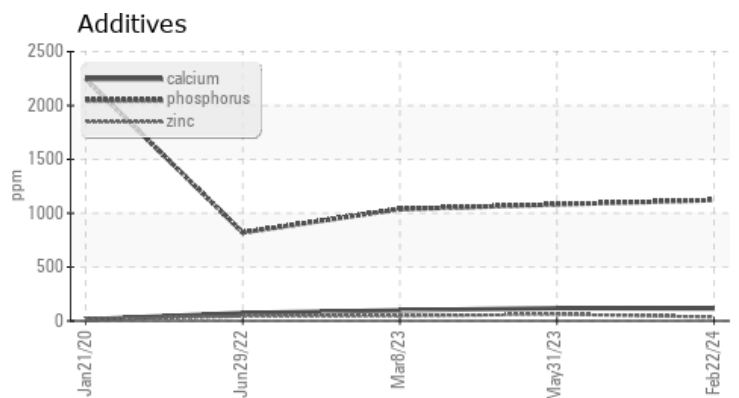
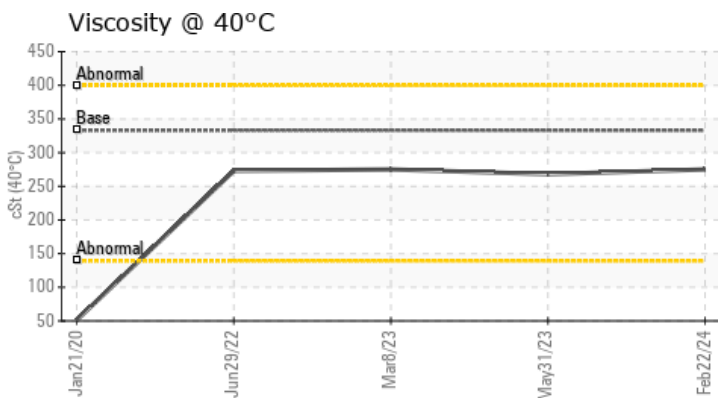
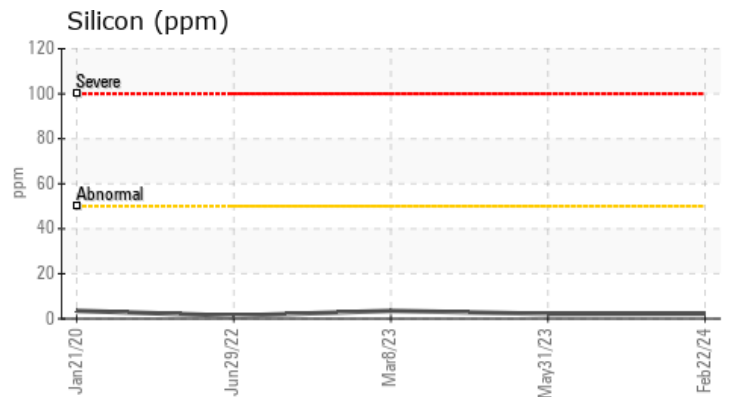
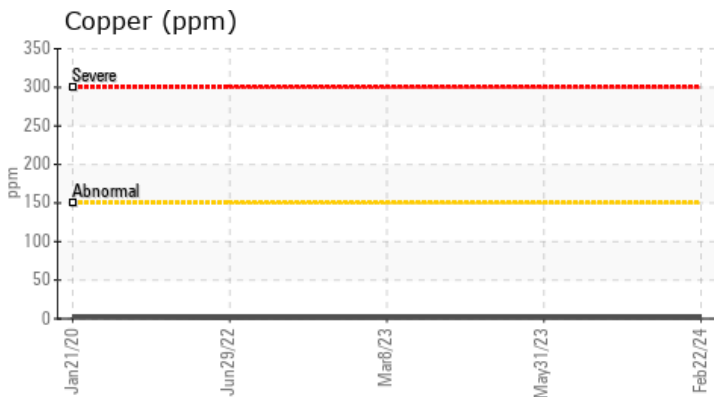
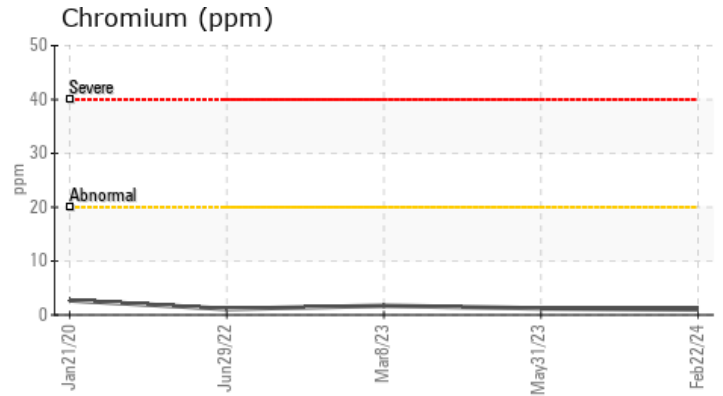
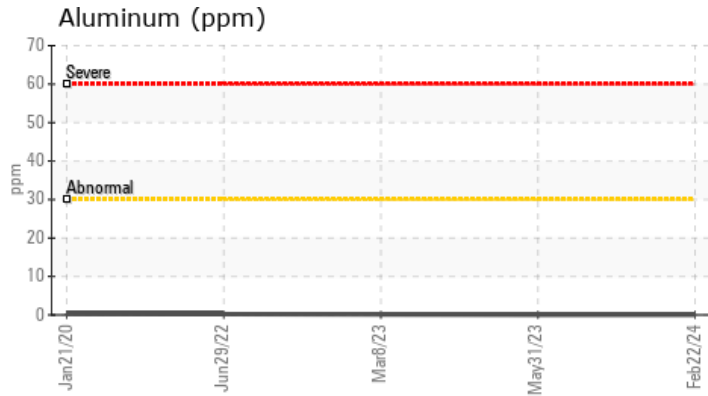
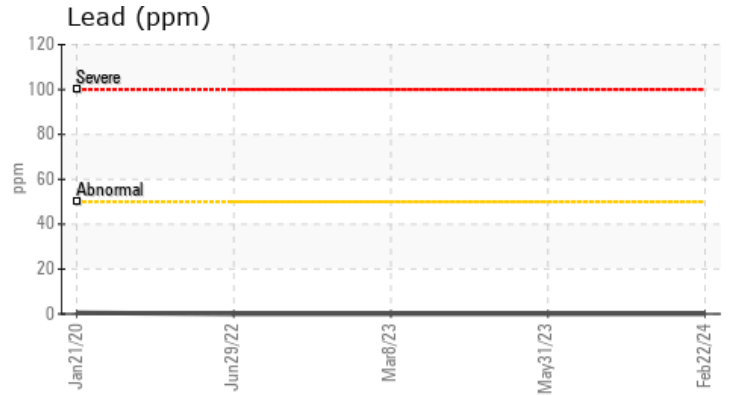
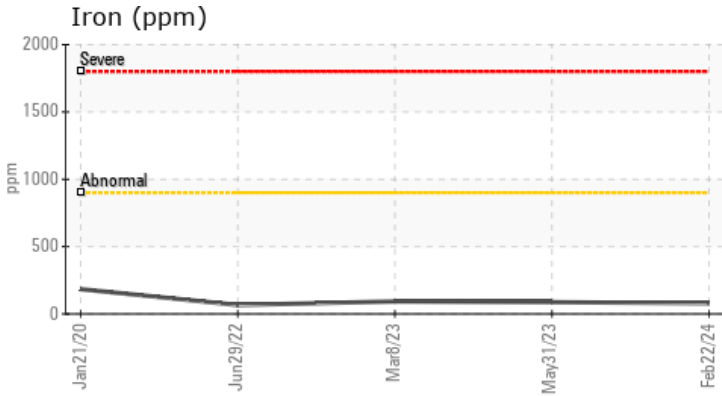
Depot: VOLVO0093
Unique No: 10926255
Signed: Don Baldrige
Report Date: 15 Mar 2024



CONSTRUCTION EQUIPMENT



GRAPHS





CONSTRUCTION EQUIPMENT

VOLVO A35G 340238 - GEARBOX



Sample No: VCP268783

Oil Type: {unknown}

Job No:



SAMPLE INFORMATION

Sample Number	VCP268783	---	---	---
Sample Date	21 Jan 2020	---	---	---
Machine Hours	2714	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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 F: (813)630-2233



OIL CONDITION

Visc @ 40°C	cSt	40.7	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 15	---	---	---
Sodium	ppm	█ 5	---	---	---
Potassium	ppm	█ <1	---	---	---

Diagnosis

No corrective action is recommended at this time. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. The copper level is abnormal. All other 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	█ 52	---	---	---
Copper	ppm	▲ 341	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	4	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	3887	---	---	---
Magnesium	ppm	6	---	---	---
Zinc	ppm	1421	---	---	---
Phosphorus	ppm	1246	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	107	---	---	---

Depot: VOLVO0093
Unique No: 8934078
Signed: Don Baldrige
Report Date: 25 Feb 2020



CONSTRUCTION EQUIPMENT

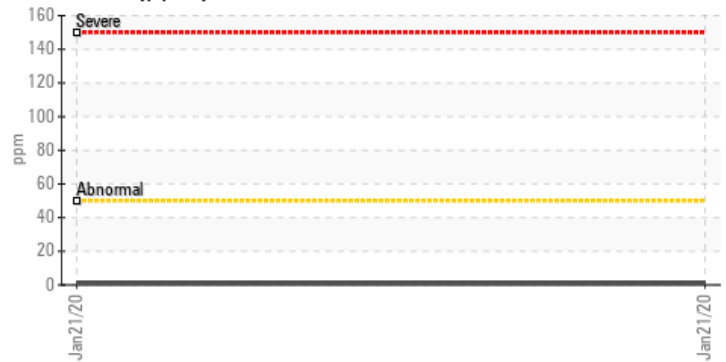


GRAPHS

Iron (ppm)



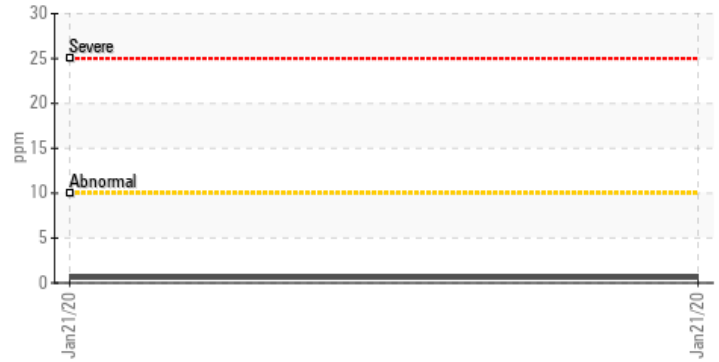
Lead (ppm)



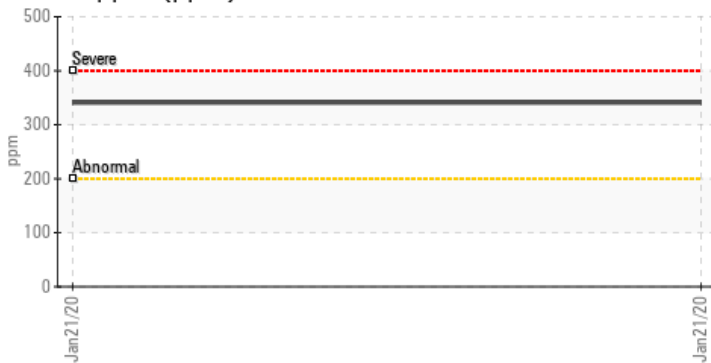
Aluminum (ppm)



Chromium (ppm)



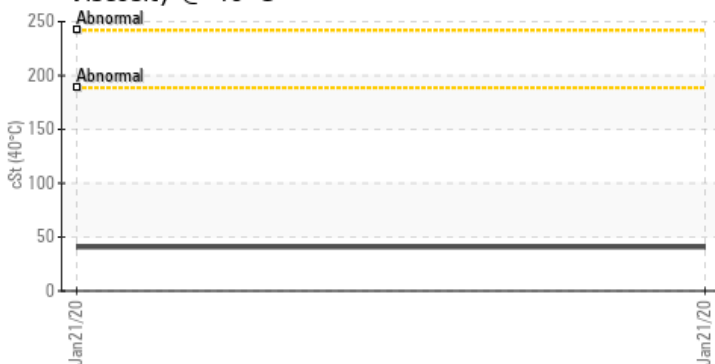
Copper (ppm)



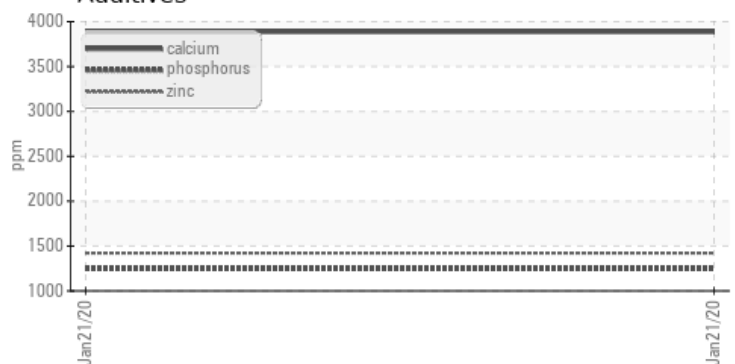
Silicon (ppm)



Viscosity @ 40°C



Additives





CONSTRUCTION EQUIPMENT

674998 APTIM VOLVO A35G 340238 - REAR AXLE



Sample No: VCP452264
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 674998 APTIM



SAMPLE INFORMATION

Sample Number	VCP452264	VCP407845	VCP394042	VCP327997
Sample Date	22 Feb 2024	31 May 2023	08 Mar 2023	29 Jun 2022
Machine Hours	10080	8953	8343	6996
Oil Hours	2000	4000	2000	1000
Oil Changed	Not Changd	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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 F: (813)630-2233



OIL CONDITION

Visc @ 40°C	cSt	229	235	236	244
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	3	15	2
Sodium	ppm	1	0	2	2
Potassium	ppm	0	1	3	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	93	101	138	92
Copper	ppm	17	14	10	4
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	0	<1	<1
Chromium	ppm	<1	<1	2	1
Molybdenum	ppm	4	5	5	4
Nickel	ppm	<1	1	<1	0
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	7	7	7	5
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	217	203	156	86
Magnesium	ppm	0	20	24	13
Zinc	ppm	98	102	75	49
Phosphorus	ppm	1182	1141	1091	806
Barium	ppm	0	0	0	0
Boron	ppm	159	177	160	138

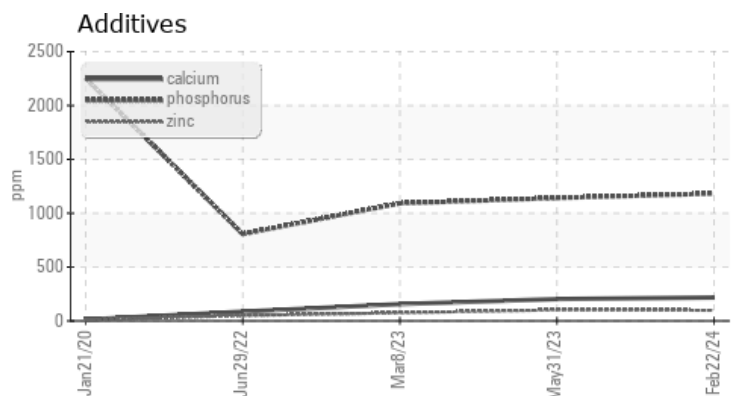
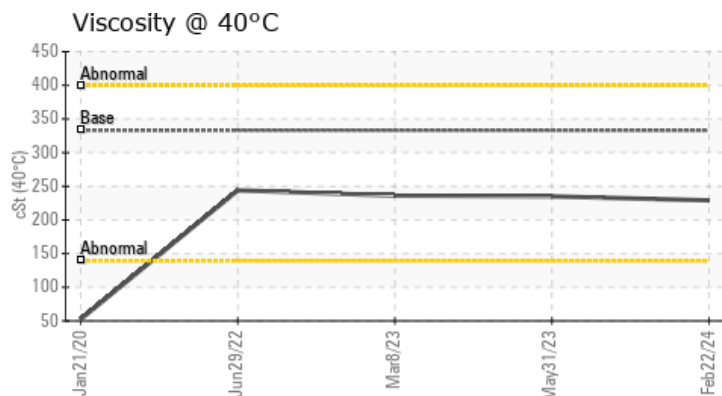
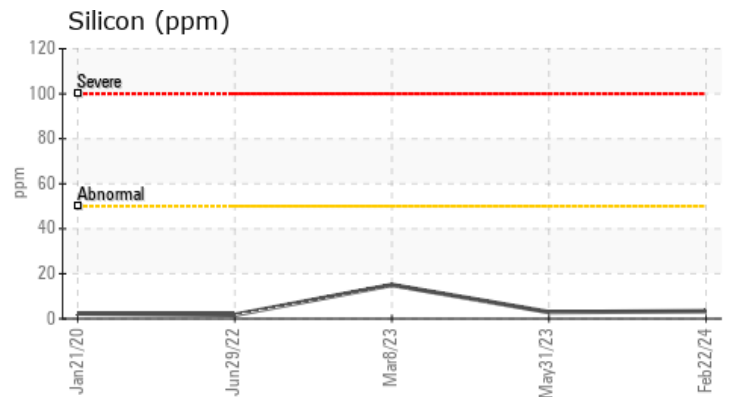
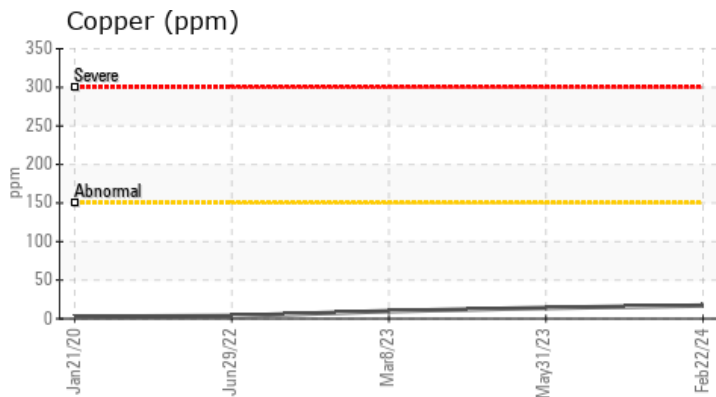
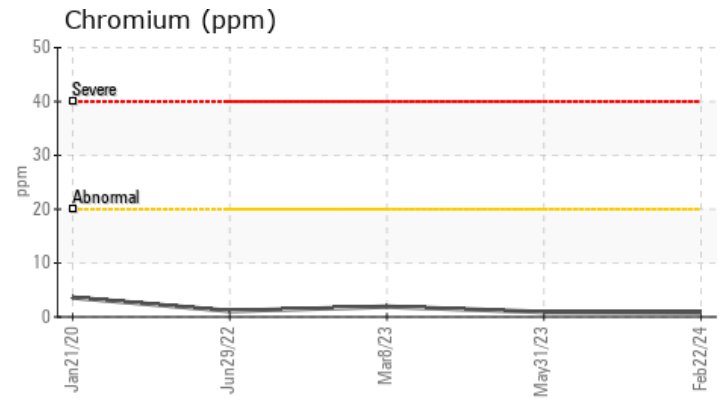
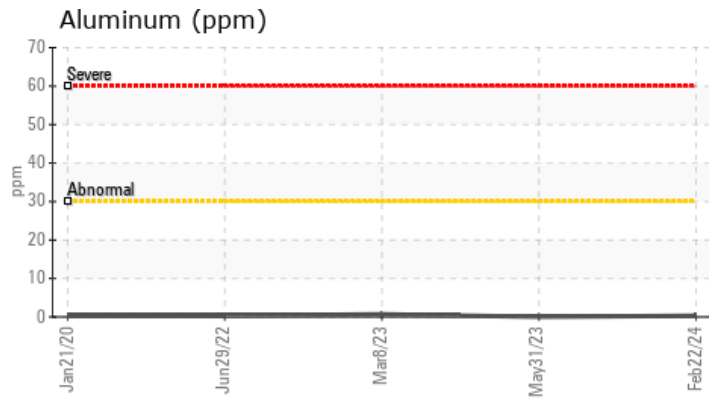
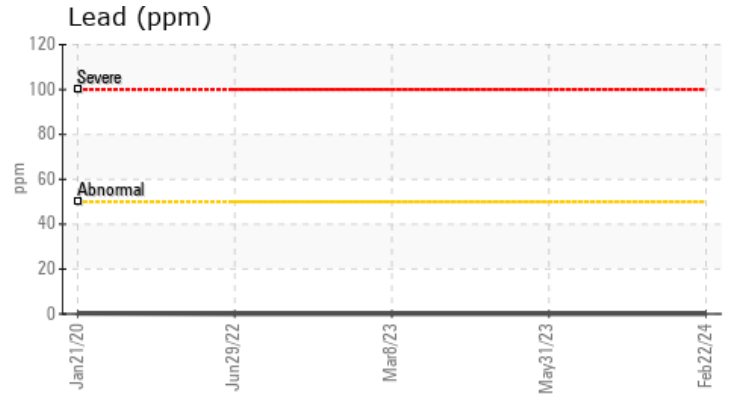
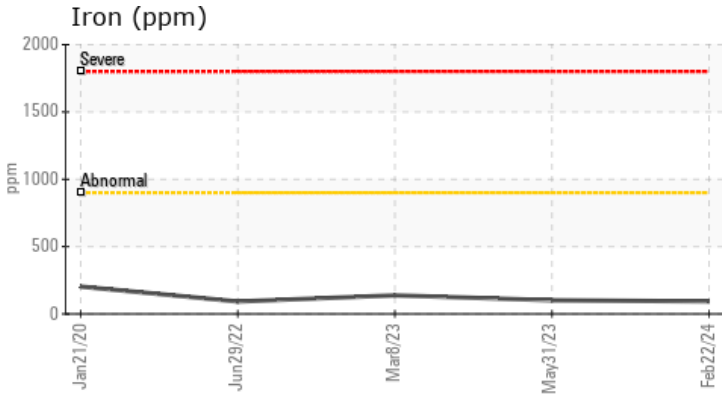
Depot: VOLVO0093
Unique No: 10926269
Signed: Don Baldrige
Report Date: 15 Mar 2024



CONSTRUCTION EQUIPMENT



GRAPHS





CONSTRUCTION EQUIPMENT

674998 APTIM VOLVO A35G 340238 - DROP BOX



Sample No: VCP430491
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 674998 APTIM



SAMPLE INFORMATION

Sample Number	VCP430491	VCP424444	VCP394043	VCP354425
Sample Date	22 Feb 2024	31 May 2023	08 Mar 2023	29 Jun 2022
Machine Hours	10080	8953	8343	6996
Oil Hours	2000	4000	2000	2000
Oil Changed	Not Changd	Changed	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ATTENTION

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 US 33619
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OIL CONDITION

Visc @ 40°C	cSt	220	217	275	48.0
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	13	14	3	46
Sodium	ppm	<1	0	1	5
Potassium	ppm	0	1	3	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	61	58	124	95
Copper	ppm	1	2	2	4
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	<1
Aluminum	ppm	16	18	<1	21
Chromium	ppm	<1	<1	2	1
Molybdenum	ppm	10	12	4	5
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	<1	0	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	2	2	4	5
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	57	80	129	20
Magnesium	ppm	22	45	27	43
Zinc	ppm	189	220	57	146
Phosphorus	ppm	1195	1267	1025	2220
Barium	ppm	0	0	0	0
Boron	ppm	77	72	168	85

Depot: VOLVO0093
Unique No: 10926286
Signed: Don Baldrige
Report Date: 15 Mar 2024

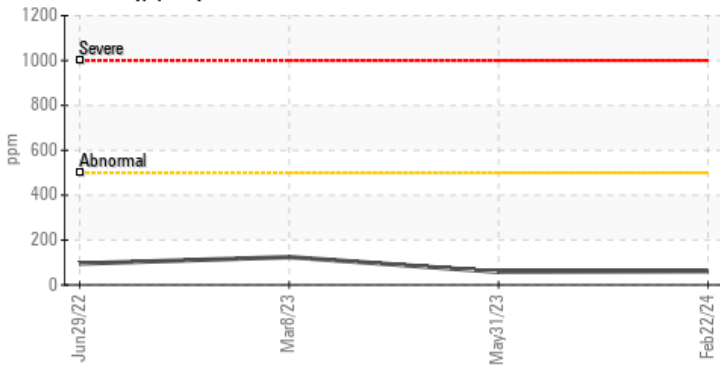


CONSTRUCTION EQUIPMENT

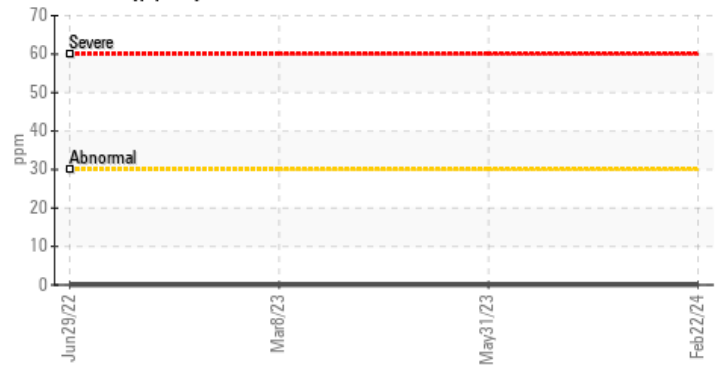


GRAPHS

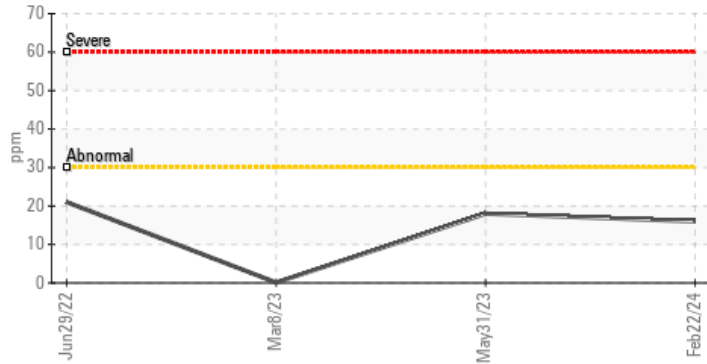
Iron (ppm)



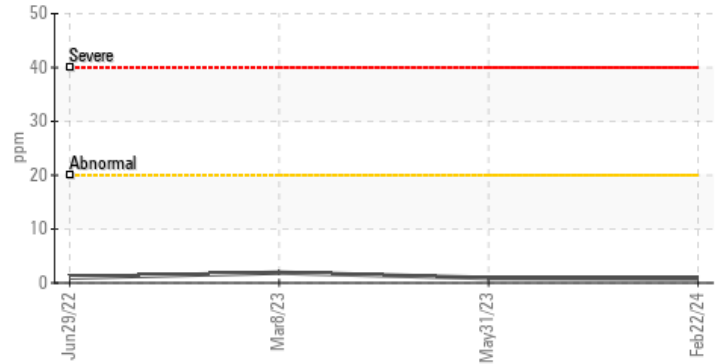
Lead (ppm)



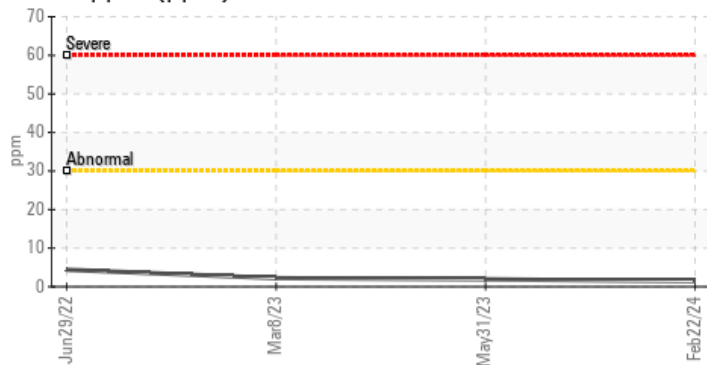
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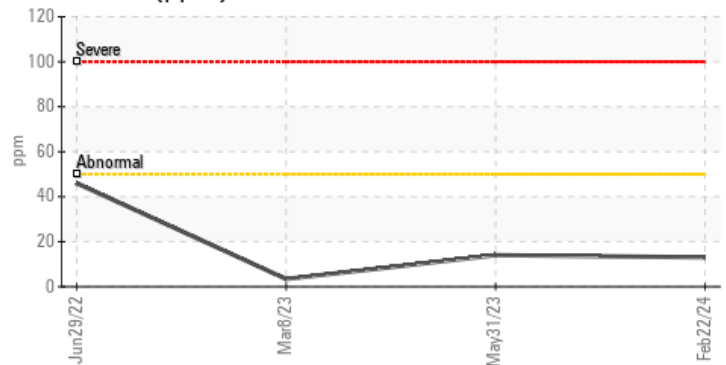
Chromium (ppm)



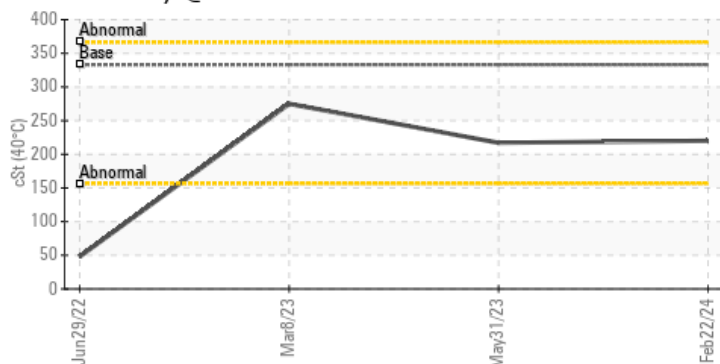
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

