



CONSTRUCTION EQUIPMENT

VOLVO A30G 740113 - COOLANT



Sample No: VCP203447
Oil Type: VOLVO COOLANT VCS (YELLOW)
Job No:



SAMPLE INFORMATION

Sample Number	VCP203447	---	---	---
Sample Date	01 Sep 2017	---	---	---
Machine Hours	336	---	---	---
Sample Status	NORMAL	---	---	---

ALTA EQUIPMENT CO - ORLAND PARK
 5000 INDUSTRIAL HWY
 GARY, IN
 US 46406
 Contact: MARK DEROSA
 mark.derosa@altg.com
 T: (248)356-5200
 F:



COOLANT CONDITION

pH	Scale 0-14	■ 8.05	---	---	---
Reserve Alkalinity	Scale 0-20	---	---	---	---
Nitrites	ppm	■ 0	---	---	---
Percentage Glycol	%	■ 50	---	---	---
Freezing Point	°C	■ -39	---	---	---

Diagnosis

The fluid is suitable for further service. There is no indication of any contamination in the coolant. The carboxylate level of this fluid is acceptable. The pH level of this fluid is within the acceptable limits. The glycol level is acceptable.



CONTAMINATION

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

Depot: VOLVO8885
Unique No: 7923487
Signed: Elizabeth Valachovic
Report Date: 11 Sep 2017



CONSTRUCTION EQUIPMENT

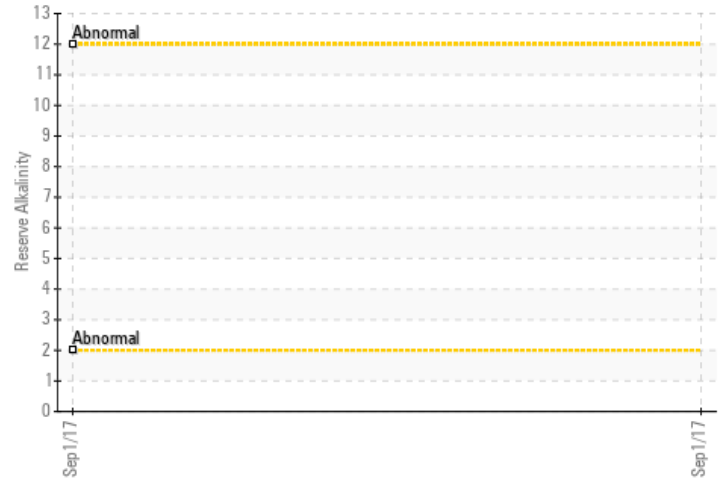


GRAPHS

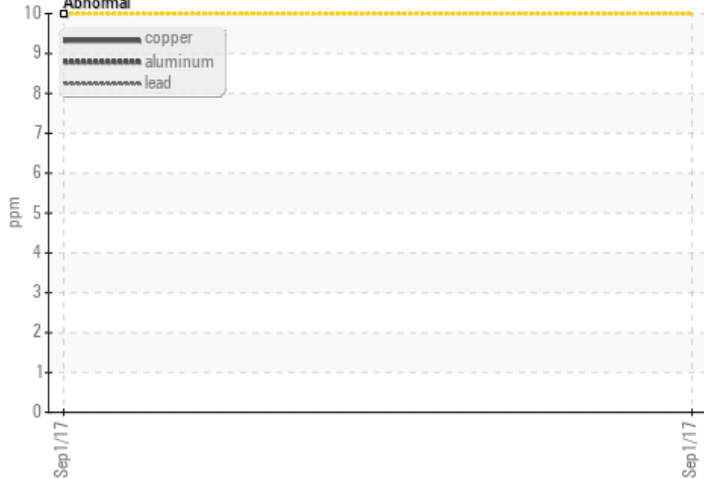
Iron/Tin/Silver



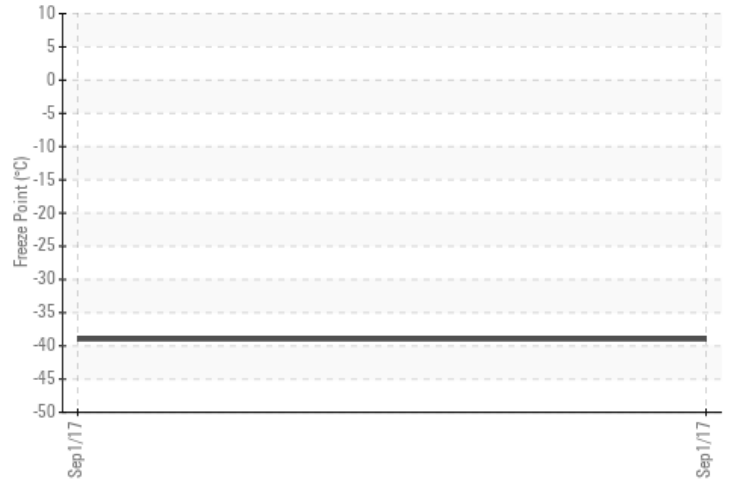
Reserve Alkalinity



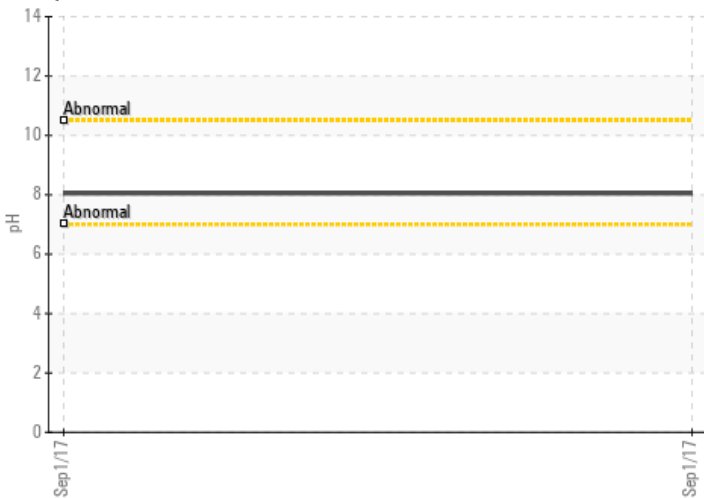
Copper/Aluminum/Lead



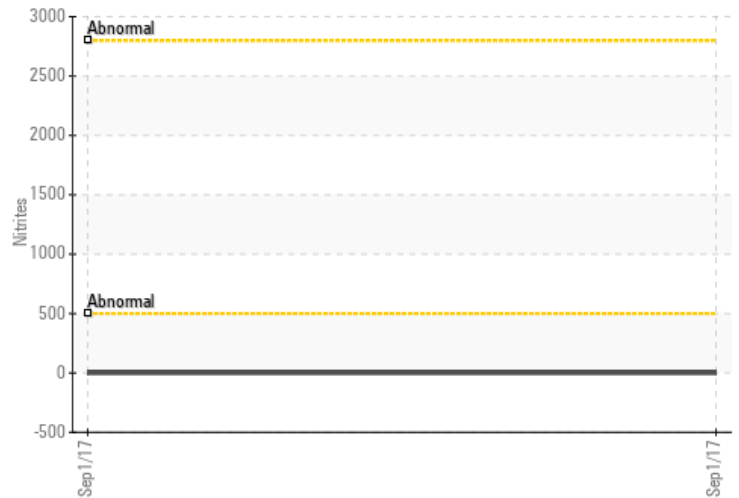
Freeze Point



pH



Nitrites





CONSTRUCTION EQUIPMENT

SPM579126 VOLVO A30G 740113 - DIESEL ENGINE



Sample No: VCP409222
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: SPM579126



SAMPLE INFORMATION

Sample Number	VCP409222	VCP357540	VCP334847	VCP321936
Sample Date	06 Jul 2023	28 Nov 2022	08 Sep 2021	02 Jul 2021
Machine Hours	9329	8980	4852	4067
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	ATTENTION	ATTENTION

ALTA EQUIPMENT CO - ORLAND PARK
 5000 INDUSTRIAL HWY
 GARY, IN
 US 46406
 Contact: DAVE ENG
 DAVE.ENG@ALTG.COM
 T: (312)350-2560
 F:

OIL CONDITION

Visc @ 100°C	cSt	12.9	15.6	▲ 12.2	▲ 12.2
Base Number (BN)	mg KOH/g	9.3	11.2	---	---
Oxidation (PA)	%	61	56	70	90

CONTAMINATION

Soot %	%	0.2	0.1	0.6	0.6
Nitration (PA)	%	60	48	78	88
Sulfation (PA)	%	55	52	60	68
Glycol	%	NEG	NEG	NEG	NEG
Fuel	%	<1.0	<1.0	<1.0	▲ 2.4
Silicon	ppm	4	1	4	4
Sodium	ppm	<1	<1	4	2
Potassium	ppm	<1	<1	1	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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

WEAR METALS

Iron	ppm	11	2	18	16
Copper	ppm	4	<1	4	2
Lead	ppm	1	0	<1	<1
Tin	ppm	<1	<1	1	1
Aluminum	ppm	<1	1	3	1
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	61	58	62	48
Nickel	ppm	<1	0	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0

ADDITIVES

Calcium	ppm	1109	1022	1289	1610
Magnesium	ppm	986	827	948	537
Zinc	ppm	1329	1126	1261	1125
Phosphorus	ppm	1080	935	1087	924
Barium	ppm	0	0	0	0
Boron	ppm	13	3	6	27

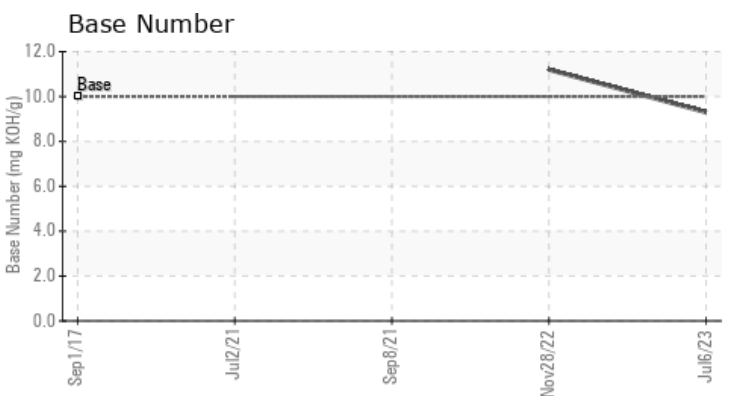
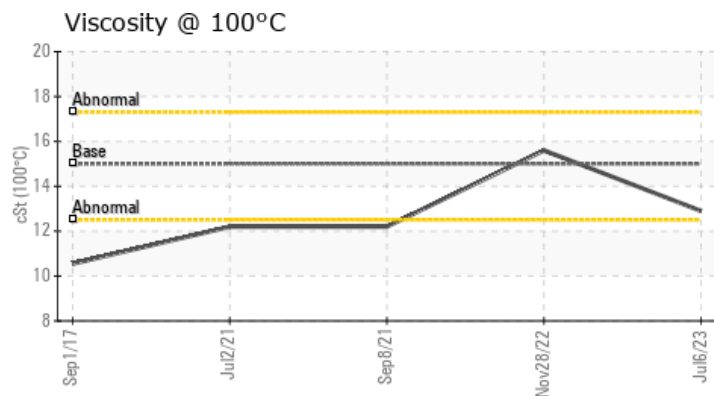
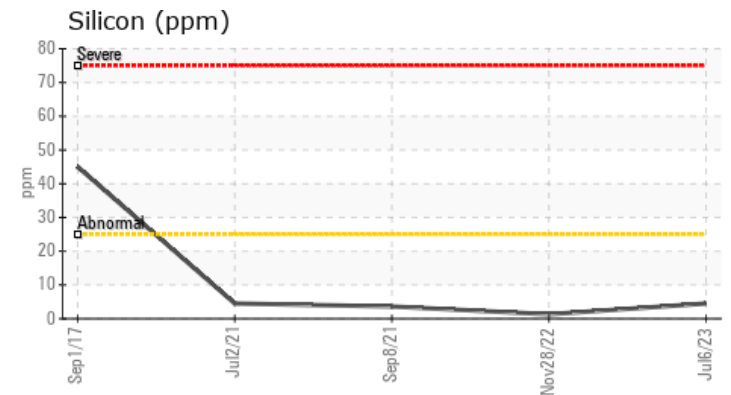
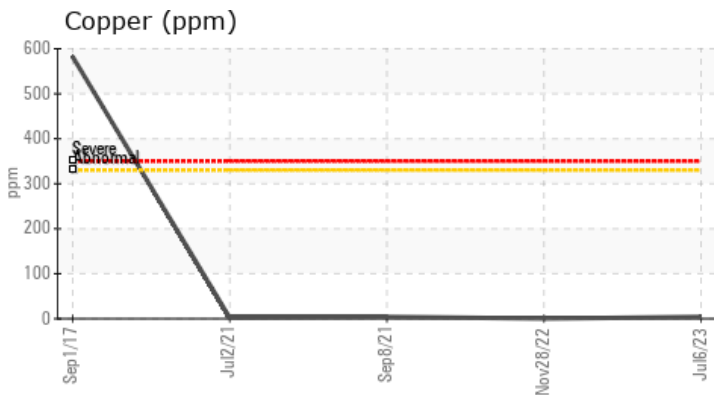
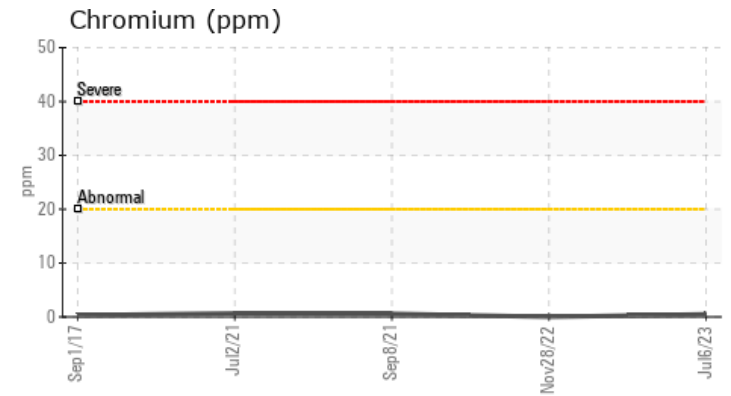
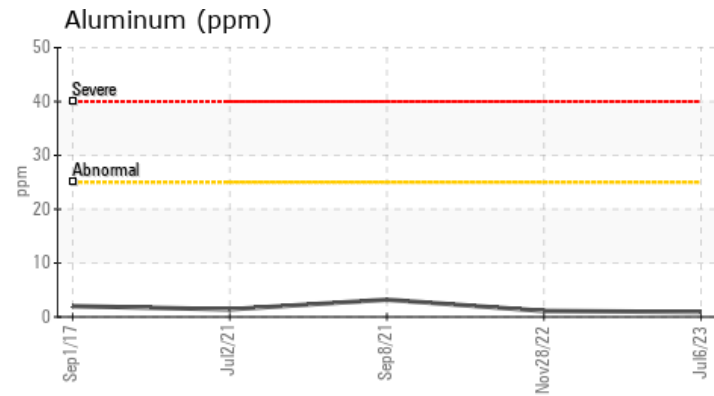
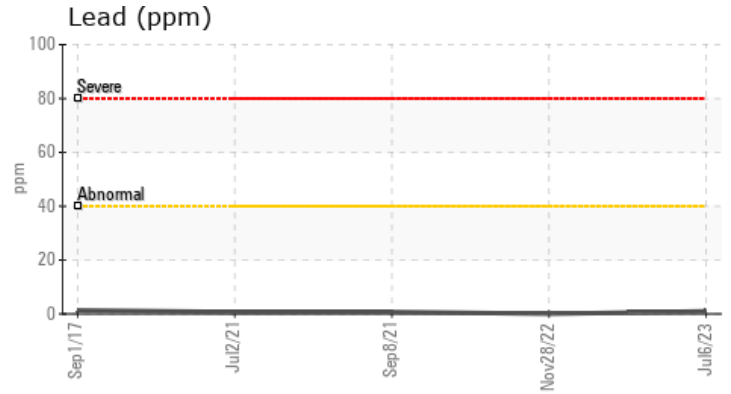
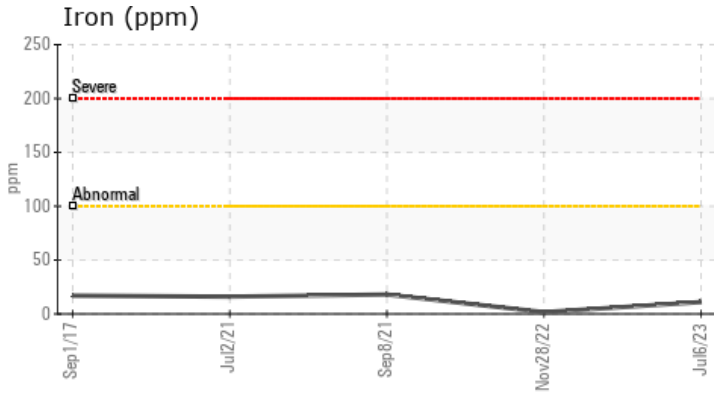
Depot: VOLVO8885
Unique No: 10560510
Signed: Jonathan Hester
Report Date: 18 Jul 2023



CONSTRUCTION EQUIPMENT



GRAPHS





CONSTRUCTION EQUIPMENT

SPM579126 VOLVO A30G 74013 - TRANSMISSION (AUTO)



Sample No: VCP409227
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: SPM579126



SAMPLE INFORMATION

Sample Number	VCP409227	VCP387433	VCP317713	VCP203457
Sample Date	06 Jul 2023	28 Nov 2022	02 Jul 2021	01 Sep 2017
Machine Hours	9329	8980	4067	336
Oil Hours	0	0	0	336
Oil Changed	Not Chngd	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ALTA EQUIPMENT CO - ORLAND PARK
 5000 INDUSTRIAL HWY
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 US 46406
 Contact: DAVE ENG
 DAVE.ENG@ALTG.COM
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 F:



OIL CONDITION

Visc @ 40°C	cSt	29.1	28.3	27.3	30.31
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CONTAMINATION

Silicon	ppm	3	6	3	18
Sodium	ppm	<1	4	3	4
Potassium	ppm	0	1	<1	4



WEAR METALS

Iron	ppm	<1	81	16	14
Copper	ppm	0	29	13	17
Lead	ppm	0	0	0	<1
Tin	ppm	0	6	2	2
Aluminum	ppm	<1	32	10	6
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	1	0	<1	0
Nickel	ppm	0	5	2	2
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	3
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	85	127	72	165
Magnesium	ppm	12	4	<1	<1
Zinc	ppm	13	37	<1	5
Phosphorus	ppm	218	168	163	246
Barium	ppm	0	0	0	0
Boron	ppm	89	65	101	89

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.

Depot: VOLVO8885
Unique No: 10560825
Signed: Wes Davis
Report Date: 17 Jul 2023

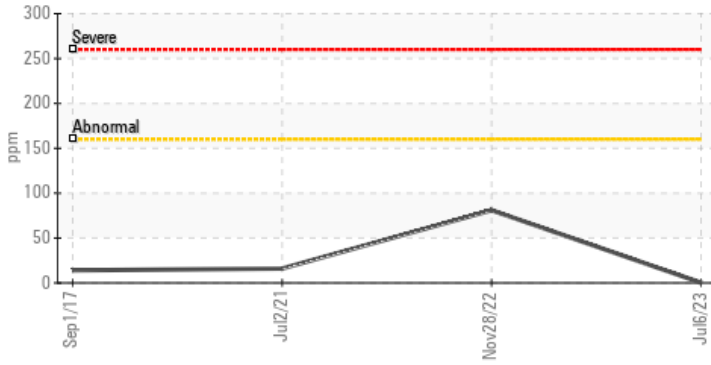


CONSTRUCTION EQUIPMENT

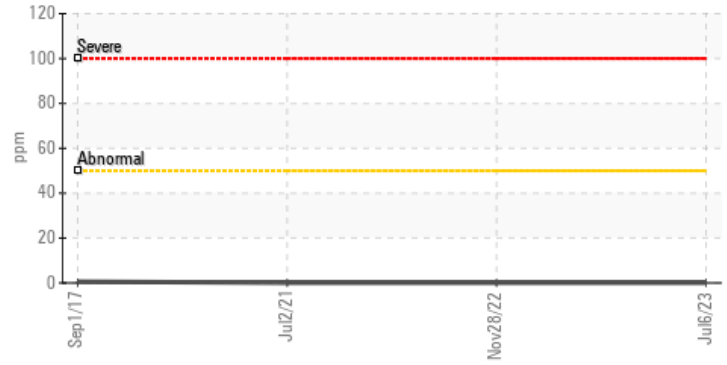


GRAPHS

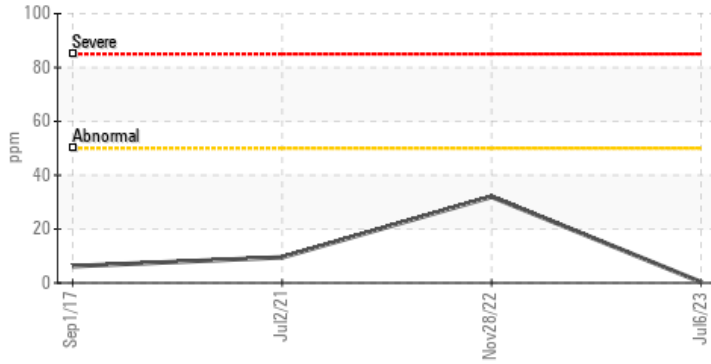
Iron (ppm)



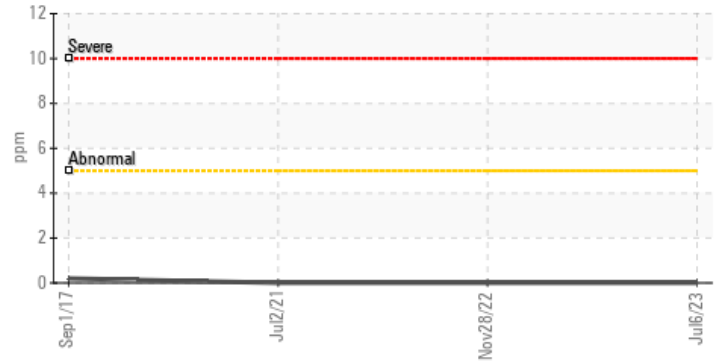
Lead (ppm)



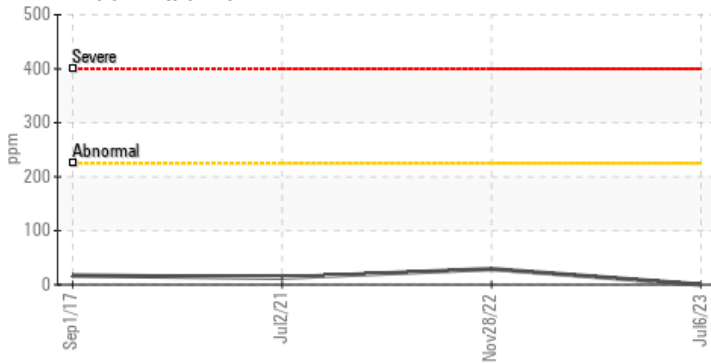
Aluminum (ppm)



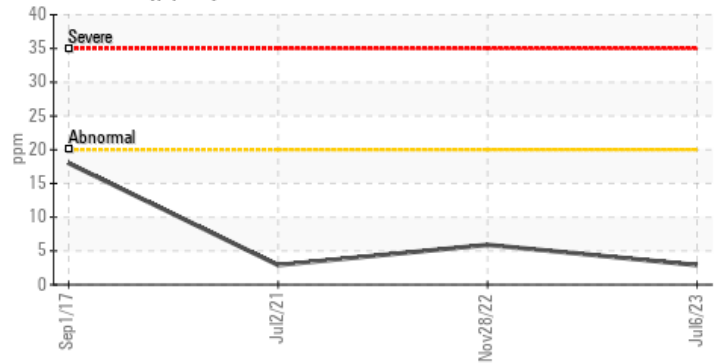
Chromium (ppm)



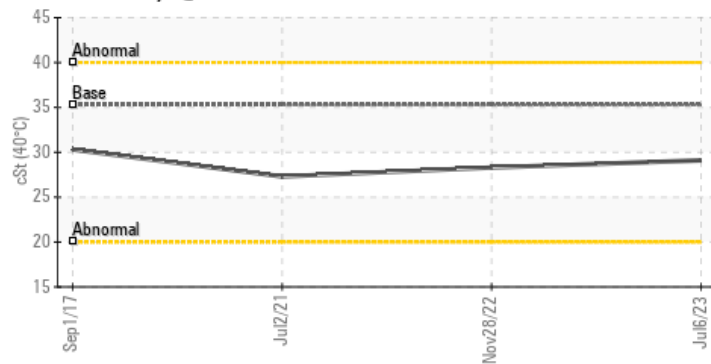
Copper (ppm)



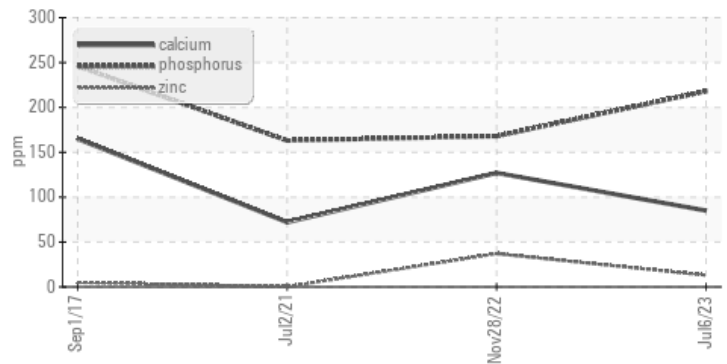
Silicon (ppm)



Viscosity @ 40°C



Additives





CONSTRUCTION EQUIPMENT

SPM579126 VOLVO A30G 740113 - WET DISC BRAKE



Sample No: VCP407220
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: SPM579126



SAMPLE INFORMATION

Sample Number	VCP407220	VCP365834	---	---
Sample Date	06 Jul 2023	28 Nov 2022	---	---
Machine Hours	9329	8980	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

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 US 46406
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 T: (312)350-2560
 F:



OIL CONDITION

Visc @ 40°C	cSt	42.5	43.0	---	---
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CONTAMINATION

Silicon	ppm	18	16	---	---
Sodium	ppm	4	4	---	---
Potassium	ppm	0	1	---	---



WEAR METALS

Iron	ppm	44	47	---	---
Copper	ppm	42	70	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	4	2	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	1	<1	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	4045	3700	---	---
Magnesium	ppm	28	21	---	---
Zinc	ppm	1655	1536	---	---
Phosphorus	ppm	1226	1219	---	---
Barium	ppm	0	0	---	---
Boron	ppm	134	115	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The iron 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.

Depot: VOLVO8885
Unique No: 10560818
Signed: Don Baldrige
Report Date: 18 Jul 2023

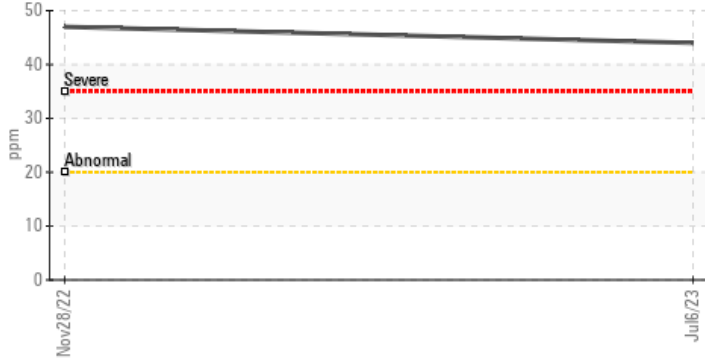


CONSTRUCTION EQUIPMENT



GRAPHS

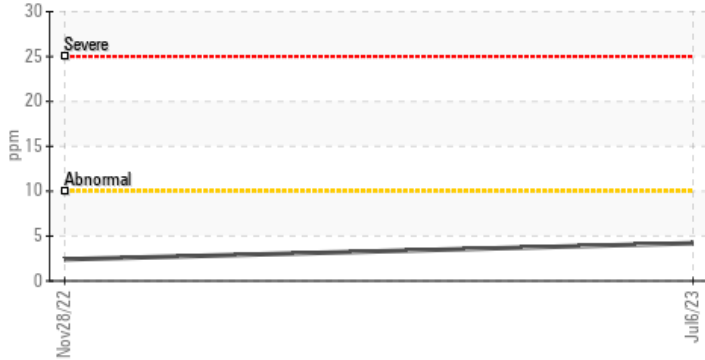
▲ Iron (ppm)



Lead (ppm)



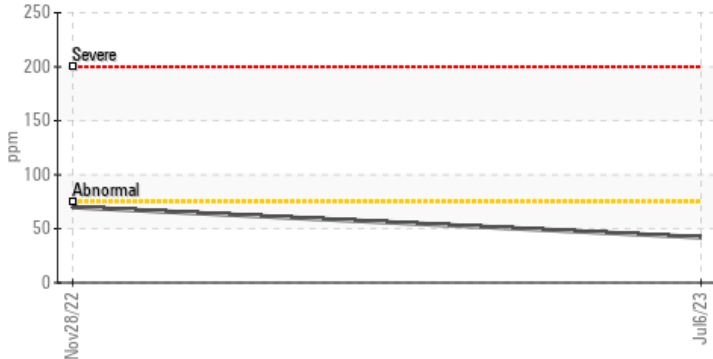
Aluminum (ppm)



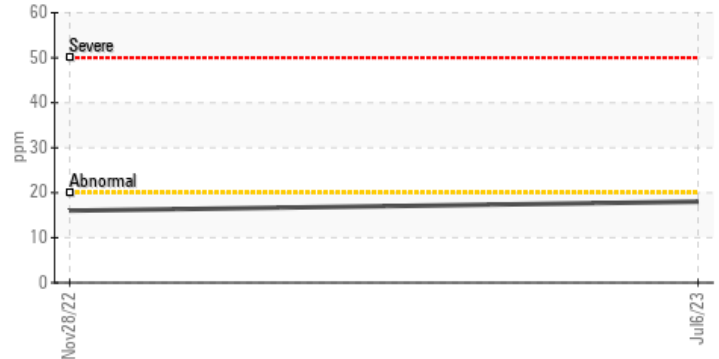
Chromium (ppm)



Copper (ppm)



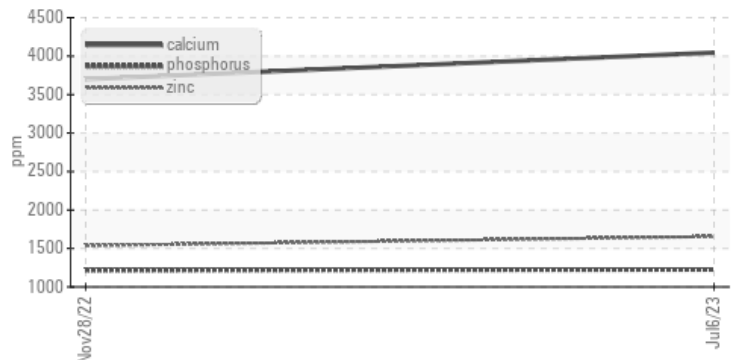
Silicon (ppm)



Viscosity @ 40°C



Additives





CONSTRUCTION EQUIPMENT

SPM579126 VOLVO A30G 740113 - HYDRAULIC SYSTEM



Sample No: VCP409225
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: SPM579126



SAMPLE INFORMATION

Sample Number	VCP409225	VCP387493	VCP334848	VCP322345
Sample Date	06 Jul 2023	28 Nov 2022	08 Sep 2021	02 Jul 2021
Machine Hours	9329	8980	4852	4067
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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US 46406
Contact: DAVE ENG
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OIL CONDITION

Visc @ 40°C	cSt	42.5	43.6	45.5	43.8
Acid Number (AN)	mg KOH/g	0.34	0.36	0.542	0.394



CONTAMINATION

Particles >4µm		4318	17938	2402	5795
Particles >6µm		723	3788	475	845
Particles >14µm		45	148	27	36
ISO 4406:1999 (c)		19/17/13	21/19/14	18/16/12	20/17/12
Silicon	ppm	1	2	3	5
Sodium	ppm	2	3	2	2
Potassium	ppm	0	0	0	<1

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	11	16	7	11
Copper	ppm	3	5	5	7
Lead	ppm	0	<1	1	2
Tin	ppm	0	0	<1	<1
Aluminum	ppm	<1	<1	<1	1
Chromium	ppm	1	2	<1	1
Molybdenum	ppm	<1	<1	1	2
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	0	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	107	130	213	204
Magnesium	ppm	6	10	36	20
Zinc	ppm	476	517	740	466
Phosphorus	ppm	386	410	554	360
Barium	ppm	0	0	0	0
Boron	ppm	0	<1	0	9

Depot: VOLVO8885
Unique No: 10560646
Signed: Wes Davis
Report Date: 17 Jul 2023

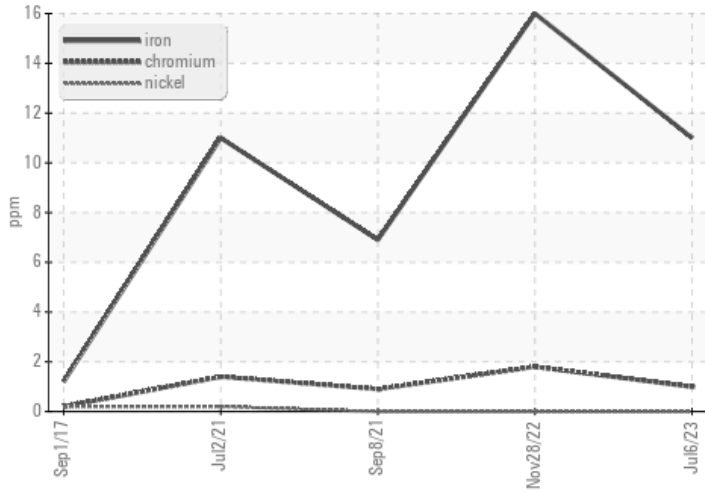


CONSTRUCTION EQUIPMENT

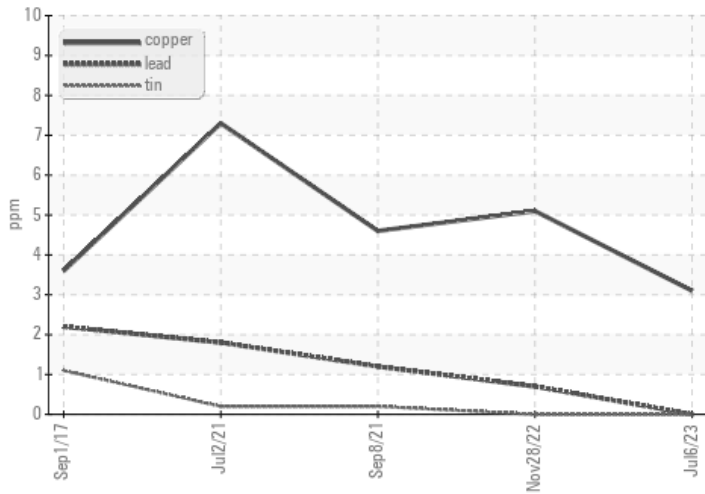


VOLVO GRAPHS

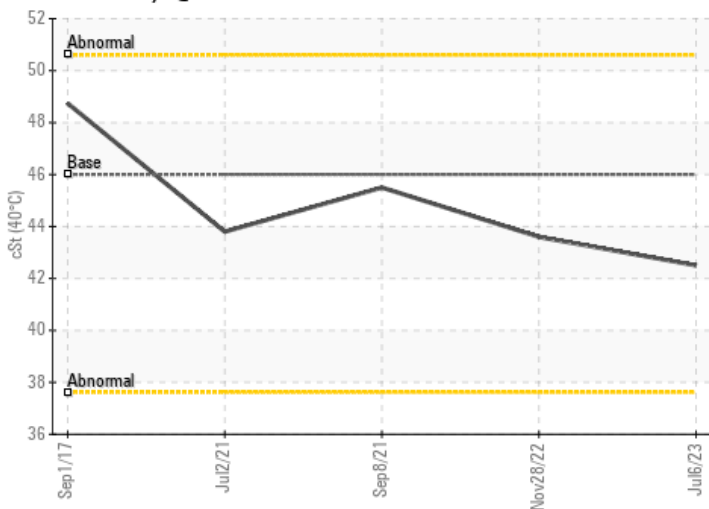
Ferrous Alloys



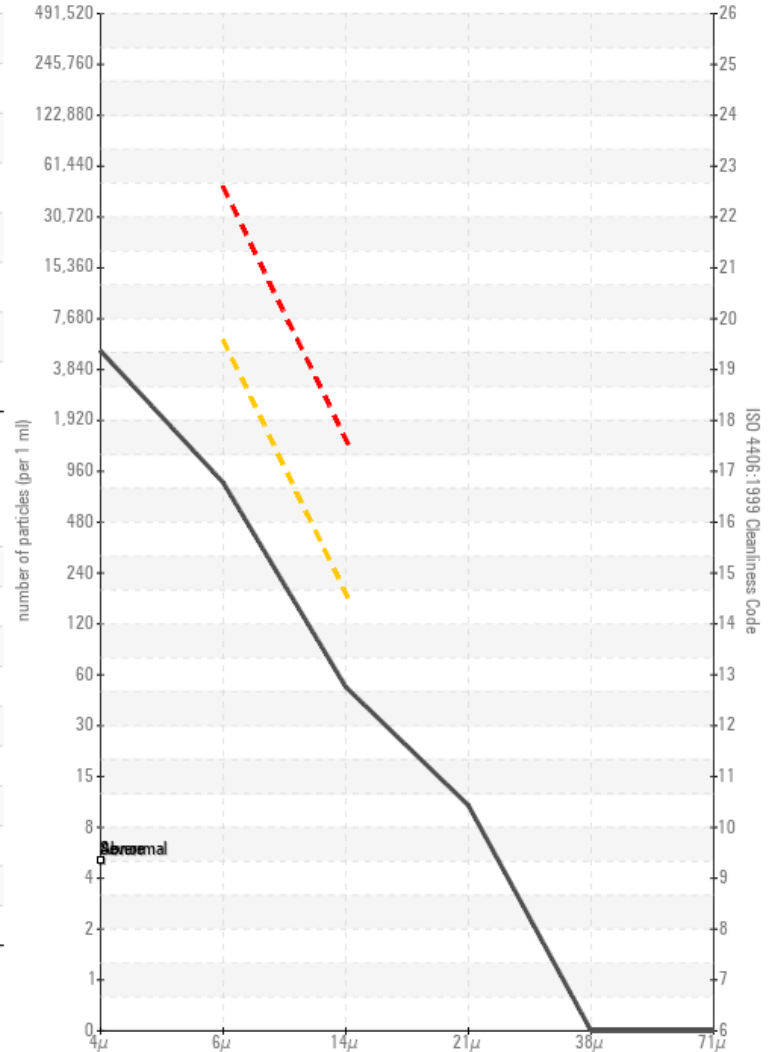
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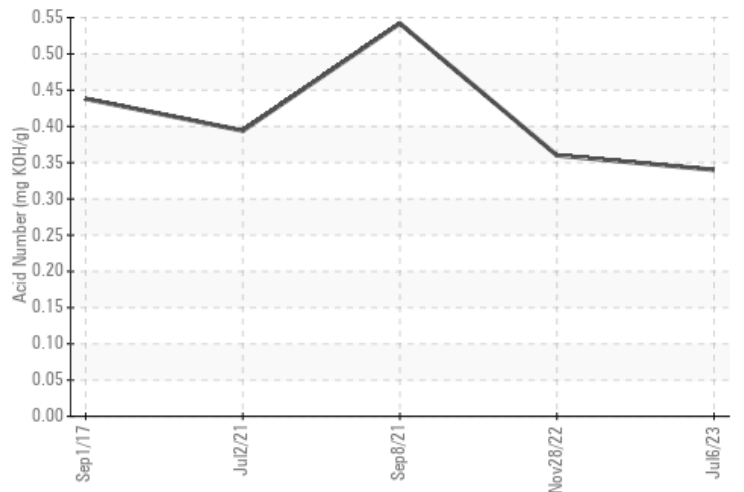
Viscosity @ 40°C



Particle Count



Acid Number





CONSTRUCTION EQUIPMENT

SPM579126 VOLVO A30G 740113 - FRONT AXLE



Sample No: VCP409228
Oil Type: GEAR OIL SAE 80W90
Job No: SPM579126



SAMPLE INFORMATION

Sample Number	VCP409228	VCP365799	VCP317774	VCP203450
Sample Date	06 Jul 2023	28 Nov 2022	02 Jul 2021	01 Sep 2017
Machine Hours	9329	8980	4067	336
Oil Hours	0	0	0	336
Oil Changed	Not Chngd	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ALTA EQUIPMENT CO - ORLAND PARK
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 US 46406
 Contact: DAVE ENG
 DAVE.ENG@ALTG.COM
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 F:



OIL CONDITION

Visc @ 40°C	cSt	44.3	47.2	55.8	53.71
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CONTAMINATION

Silicon	ppm	12	4	9	3
Sodium	ppm	2	2	5	4
Potassium	ppm	0	2	1	2



WEAR METALS

Iron	ppm	81	122	100	96
Copper	ppm	15	54	5	9
Lead	ppm	0	0	0	0
Tin	ppm	<1	1	<1	3
Aluminum	ppm	1	1	1	<1
Chromium	ppm	1	2	2	3
Molybdenum	ppm	<1	0	<1	0
Nickel	ppm	0	0	<1	<1
Titanium	ppm	<1	0	<1	<1
Silver	ppm	0	<1	0	0
Manganese	ppm	2	2	1	6
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	3500	508	291	12
Magnesium	ppm	20	3	4	0
Zinc	ppm	1407	252	168	8
Phosphorus	ppm	1484	2140	1916	2068
Barium	ppm	0	0	0	0
Boron	ppm	161	166	268	243

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. Confirm oil type. The condition of the oil is acceptable for the time in service.

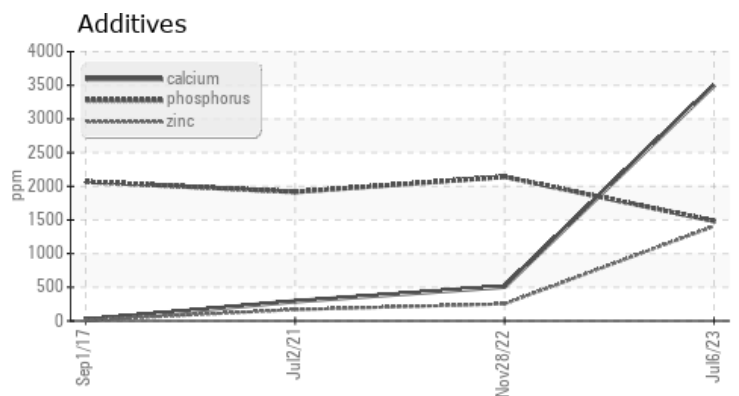
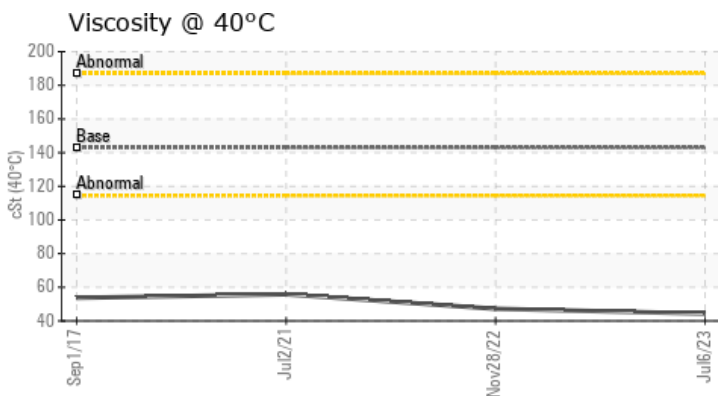
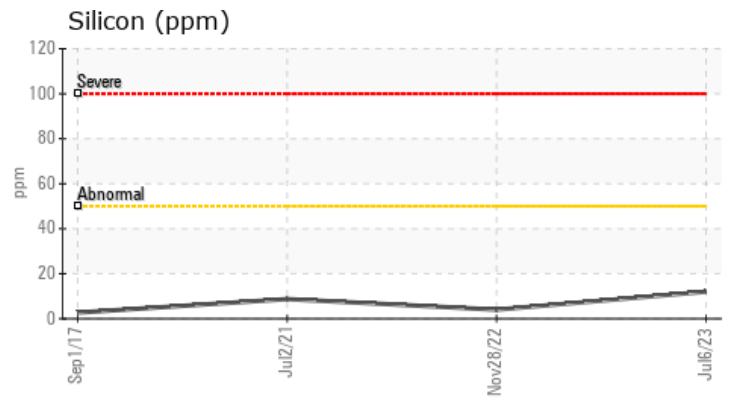
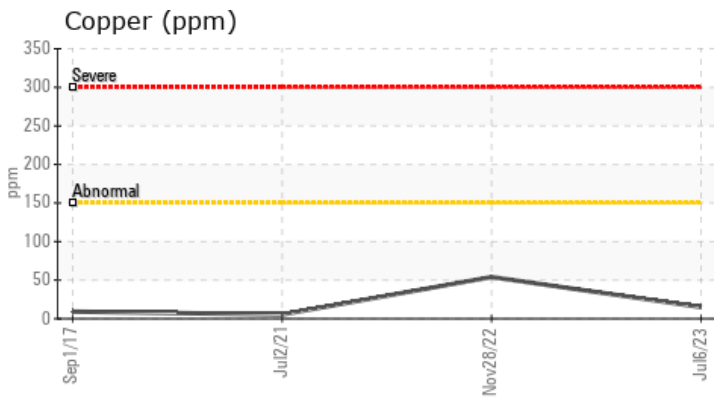
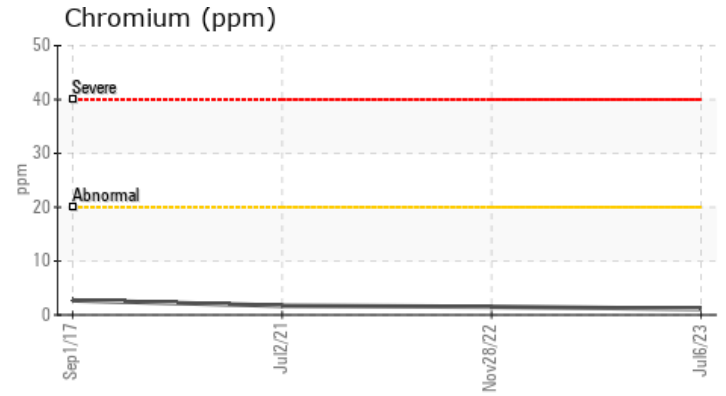
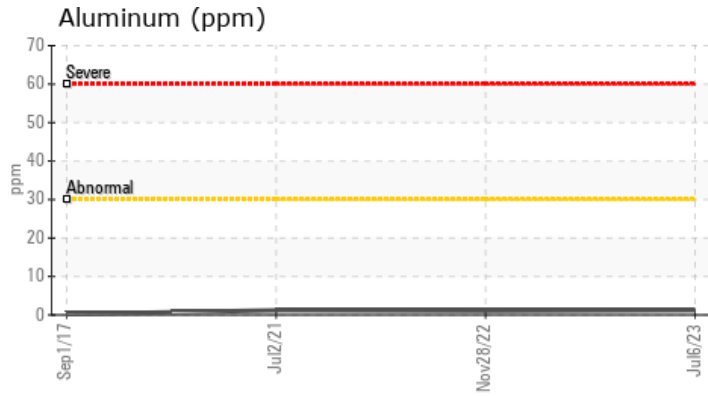
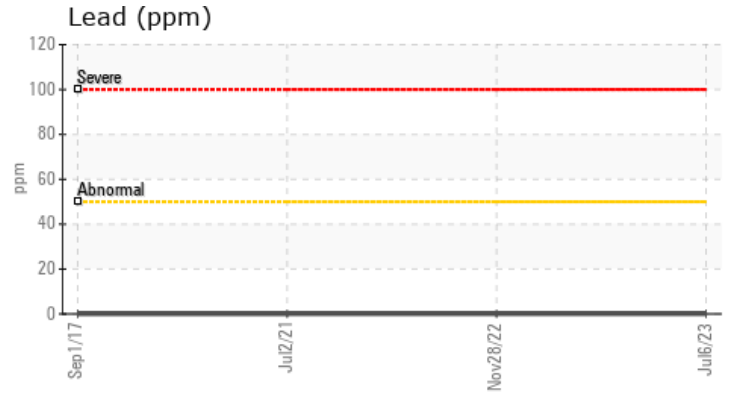
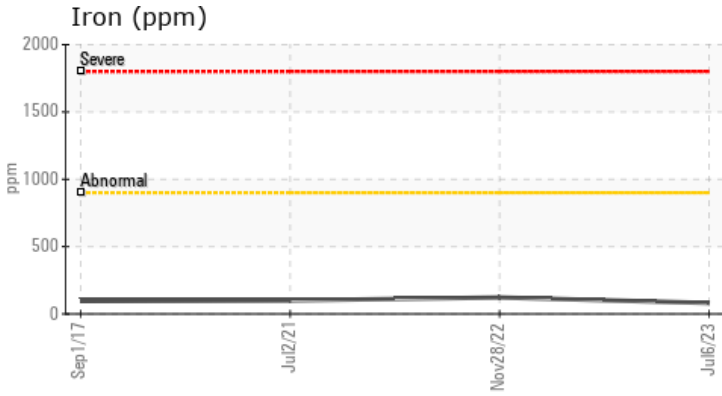
Depot: VOLVO8885
Unique No: 10560820
Signed: Don Baldrige
Report Date: 18 Jul 2023



CONSTRUCTION EQUIPMENT



GRAPHS





CONSTRUCTION EQUIPMENT

SPM579126 VOLVO A30G 740113 - BOGIE/CENTER AXLE



Sample No: VCP409221
Oil Type: GEAR OIL SAE 80W90
Job No: SPM579126



SAMPLE INFORMATION

Sample Number	VCP409221	VCP387487	VCP322337	VCP203453
Sample Date	06 Jul 2023	28 Nov 2022	02 Jul 2021	01 Sep 2017
Machine Hours	9329	8980	4067	336
Oil Hours	0	0	0	336
Oil Changed	Not Chngd	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ALTA EQUIPMENT CO - ORLAND PARK
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 Contact: DAVE ENG
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 T: (312)350-2560
 F:



OIL CONDITION

Visc @ 40°C	cSt	42.9	40.8	59.0	53.18
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CONTAMINATION

Silicon	ppm	14	10	4	4
Sodium	ppm	3	5	4	4
Potassium	ppm	0	2	0	1



WEAR METALS

Iron	ppm	128	160	141	104
Copper	ppm	6	10	10	8
Lead	ppm	0	0	0	<1
Tin	ppm	<1	<1	<1	3
Aluminum	ppm	1	2	<1	0
Chromium	ppm	2	2	2	3
Molybdenum	ppm	<1	<1	<1	0
Nickel	ppm	<1	0	<1	1
Titanium	ppm	<1	0	0	0
Silver	ppm	0	<1	<1	0
Manganese	ppm	2	2	3	5
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	4024	3157	15	14
Magnesium	ppm	23	9	4	0
Zinc	ppm	1596	1268	19	8
Phosphorus	ppm	1346	1451	2188	2084
Barium	ppm	0	0	0	0
Boron	ppm	149	159	293	247

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. Confirm oil type. The condition of the oil is acceptable for the time in service.

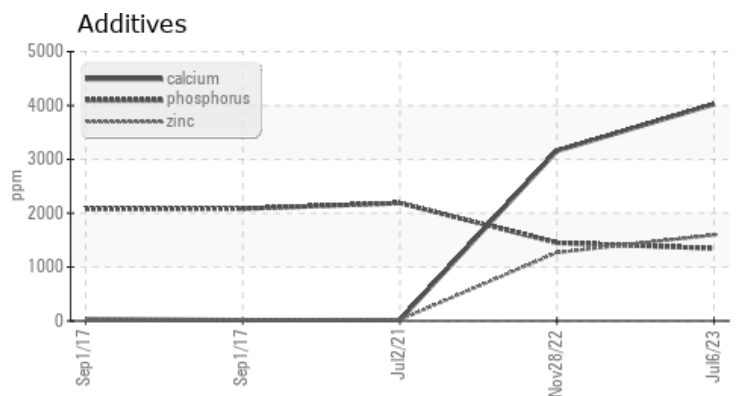
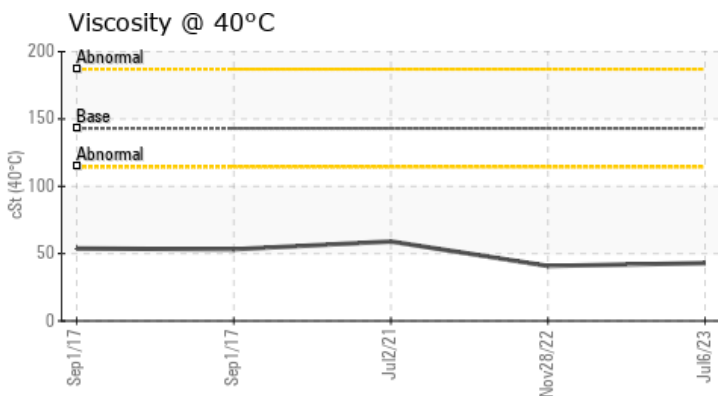
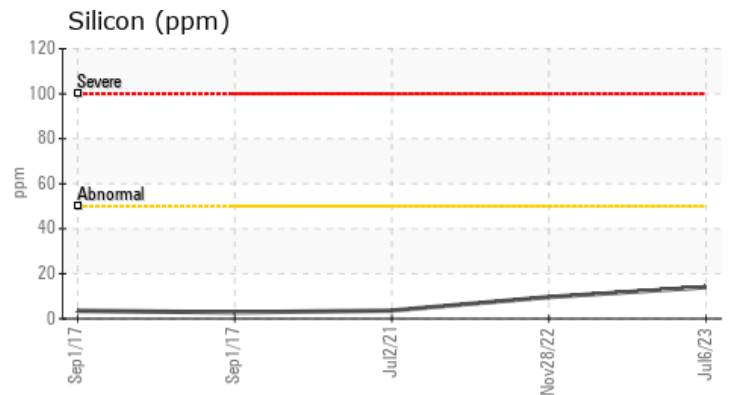
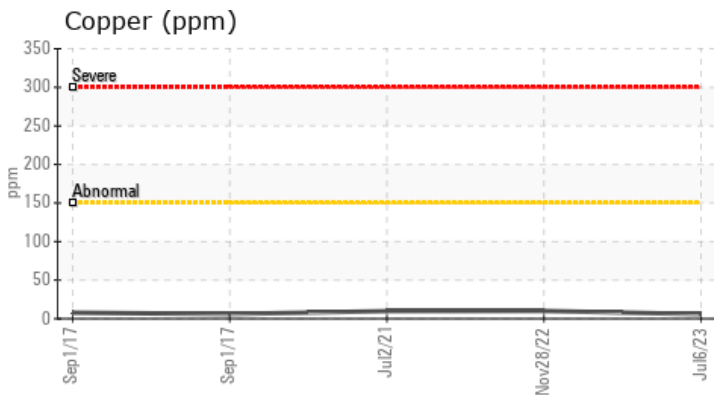
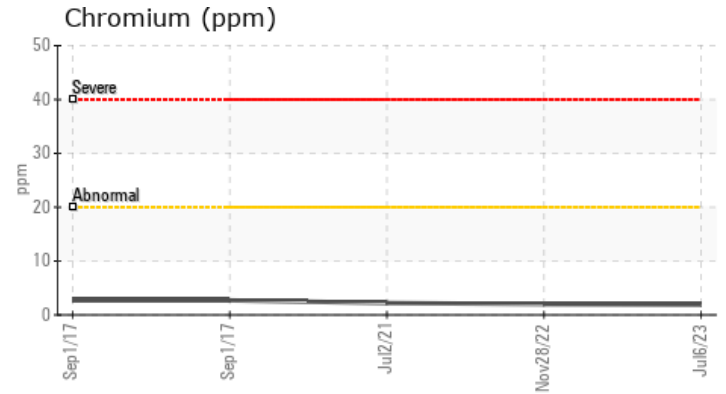
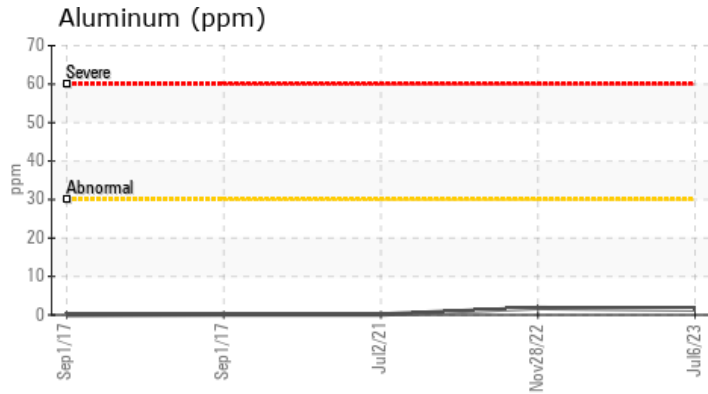
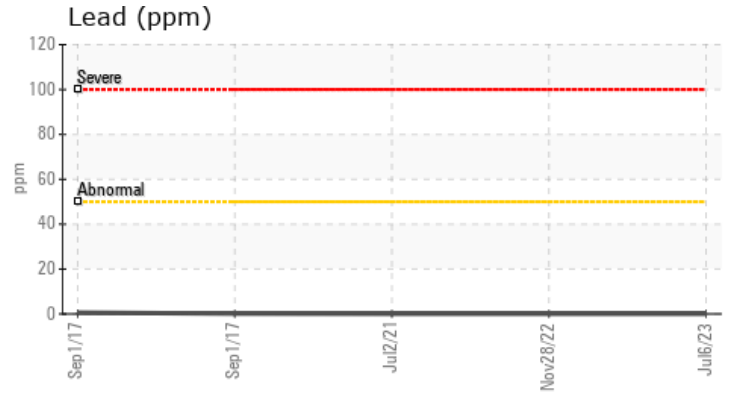
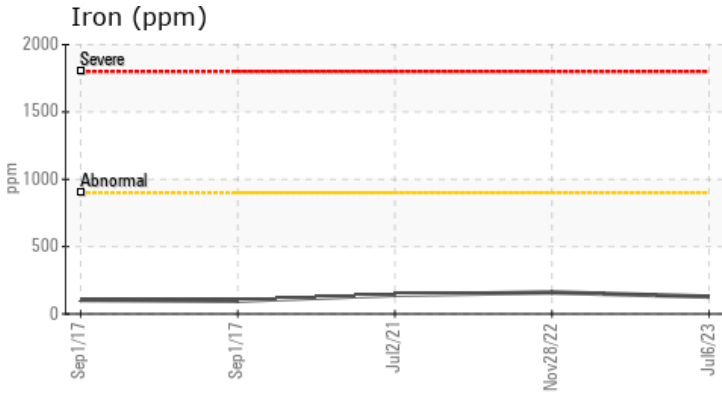
Depot: VOLVO8885
Unique No: 10560797
Signed: Don Baldrige
Report Date: 18 Jul 2023



CONSTRUCTION EQUIPMENT



GRAPHS





CONSTRUCTION EQUIPMENT

VOLVO A30G 740113 - GEARBOX



Sample No: VCP203451
Oil Type: VOLVO WB 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP203451	---	---	---
Sample Date	01 Sep 2017	---	---	---
Machine Hours	336	---	---	---
Oil Hours	336	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

ALTA EQUIPMENT CO - ORLAND PARK
 5000 INDUSTRIAL HWY
 GARY, IN
 US 46406
 Contact: MARK DEROSA
 mark.derosa@altg.com
 T: (248)356-5200
 F:



OIL CONDITION

Visc @ 40°C	cSt	52.67	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	26	---	---	---
Sodium	ppm	5	---	---	---
Potassium	ppm	<1	---	---	---

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	4	---	---	---
Copper	ppm	146	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	3	---	---	---
Aluminum	ppm	0	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	1	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	3594	---	---	---
Magnesium	ppm	8	---	---	---
Zinc	ppm	1351	---	---	---
Phosphorus	ppm	1029	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	99	---	---	---

Depot: VOLVO8885
Unique No: 7923209
Signed: Don Baldrige
Report Date: 11 Sep 2017



CONSTRUCTION EQUIPMENT

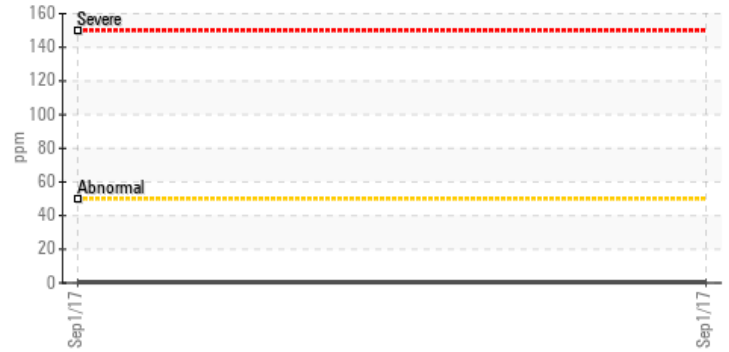


GRAPHS

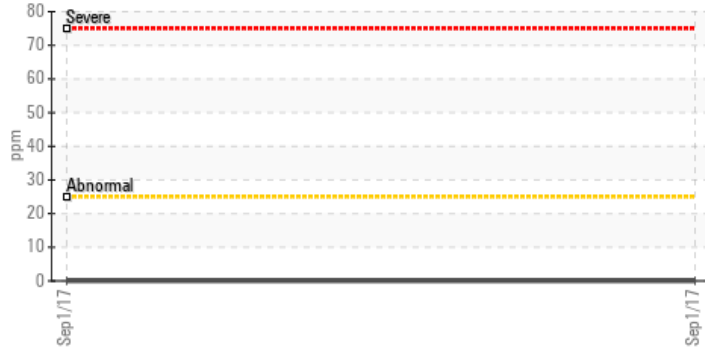
Iron (ppm)



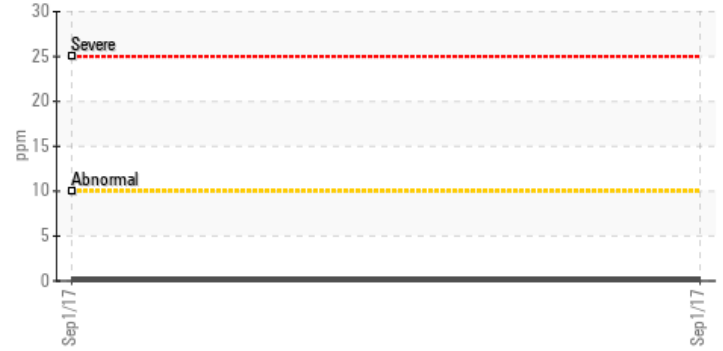
Lead (ppm)



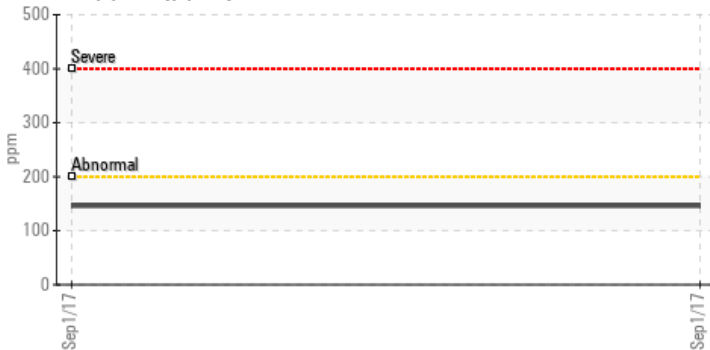
Aluminum (ppm)



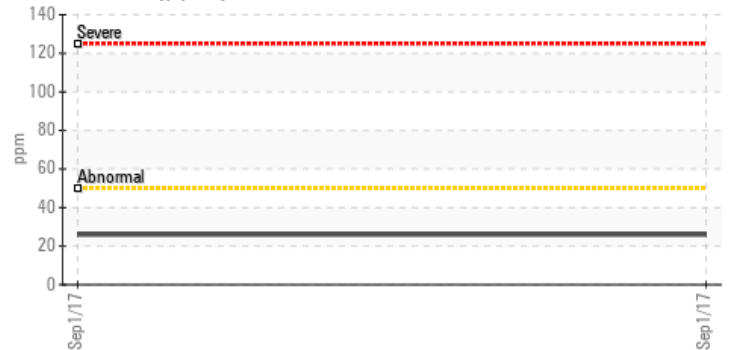
Chromium (ppm)



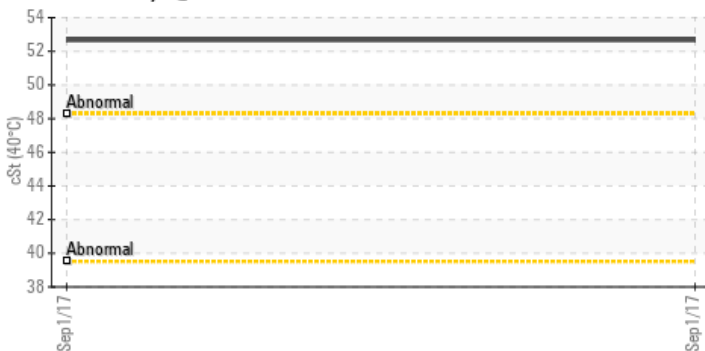
Copper (ppm)



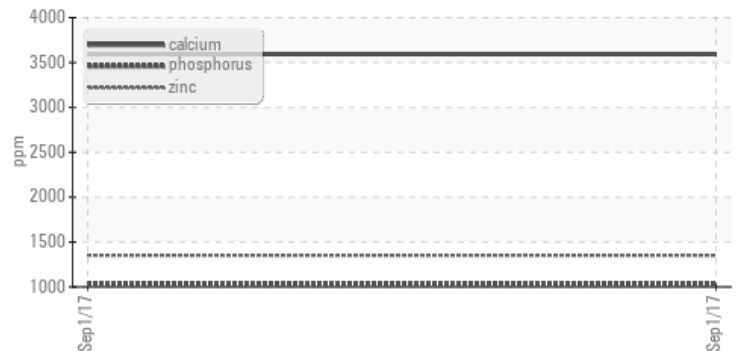
Silicon (ppm)



Viscosity @ 40°C



Additives





CONSTRUCTION EQUIPMENT

SPM579126 VOLVO A30G 740113 - REAR AXLE



Sample No: VCP409224
Oil Type: GEAR OIL SAE 80W90
Job No: SPM579126



SAMPLE INFORMATION

Sample Number	VCP409224	VCP387417	VCP323161	---
Sample Date	06 Jul 2023	28 Nov 2022	02 Jul 2021	---
Machine Hours	9329	8980	4067	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

ALTA EQUIPMENT CO - ORLAND PARK
 5000 INDUSTRIAL HWY
 GARY, IN
 US 46406
 Contact: DAVE ENG
 DAVE.ENG@ALTG.COM
 T: (312)350-2560
 F:



OIL CONDITION

Visc @ 40°C	cSt	45.1	42.7	61.1	---
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CONTAMINATION

Silicon	ppm	16	10	6	---
Sodium	ppm	3	6	6	---
Potassium	ppm	0	2	0	---



WEAR METALS

Iron	ppm	139	127	225	---
Copper	ppm	1	4	6	---
Lead	ppm	0	0	0	---
Tin	ppm	0	<1	<1	---
Aluminum	ppm	2	2	<1	---
Chromium	ppm	2	2	4	---
Molybdenum	ppm	<1	<1	<1	---
Nickel	ppm	<1	0	<1	---
Titanium	ppm	<1	<1	<1	---
Silver	ppm	0	<1	0	---
Manganese	ppm	2	1	3	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	3961	3376	46	---
Magnesium	ppm	23	10	2	---
Zinc	ppm	1577	1327	26	---
Phosphorus	ppm	1342	1515	2336	---
Barium	ppm	0	0	0	---
Boron	ppm	149	173	318	---

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. Confirm oil type. The condition of the oil is acceptable for the time in service.

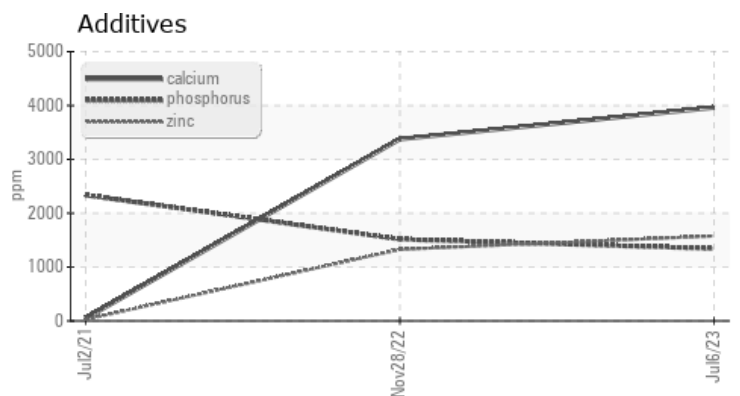
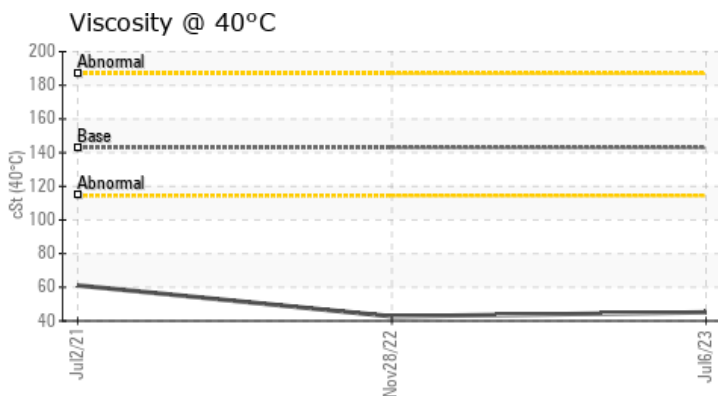
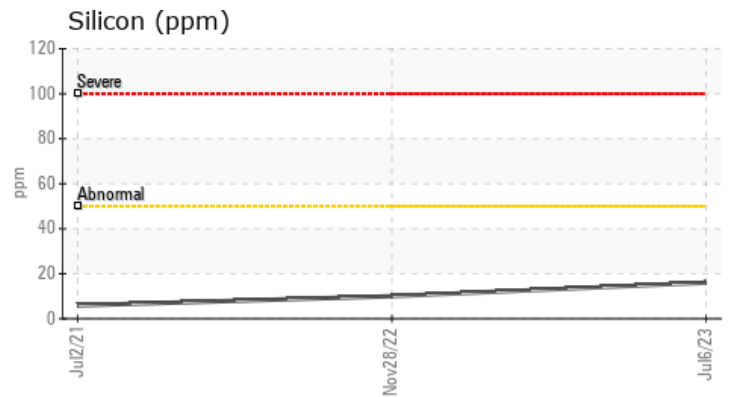
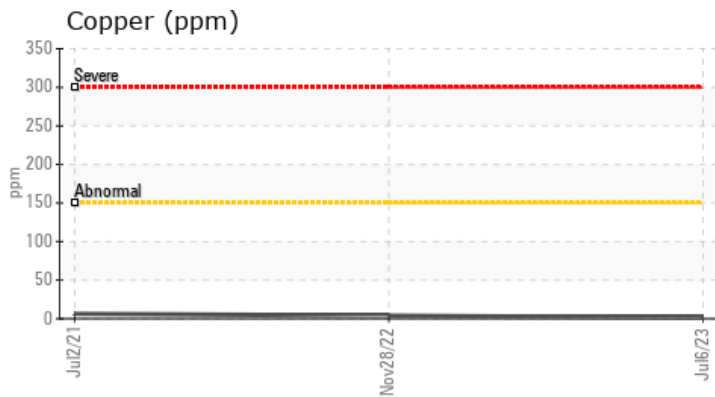
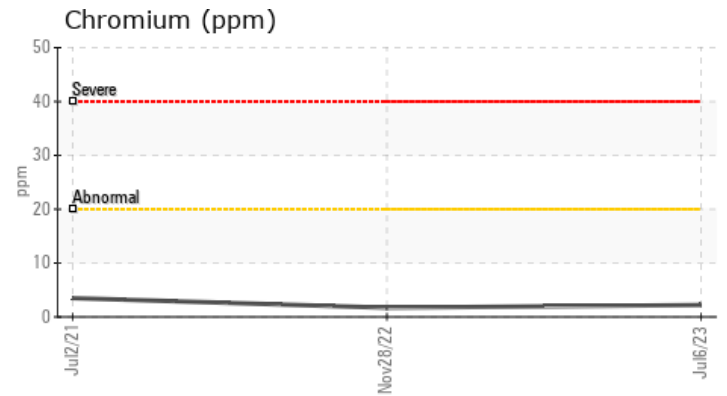
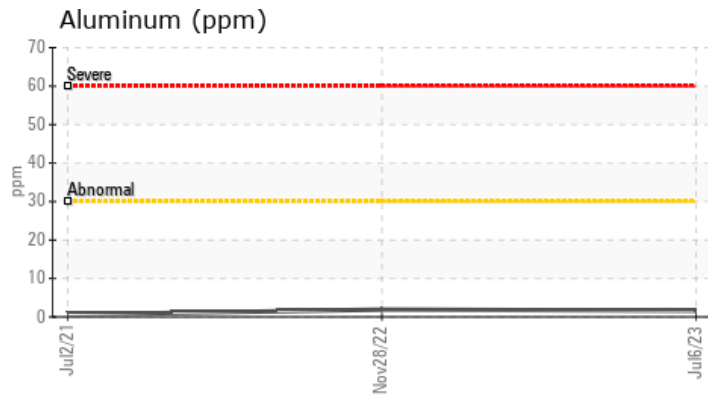
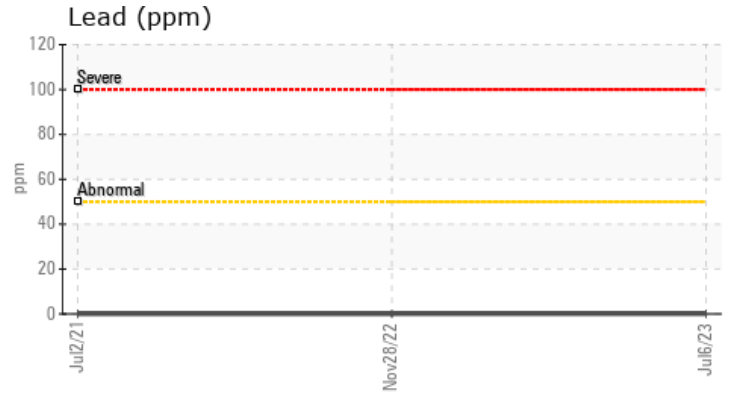
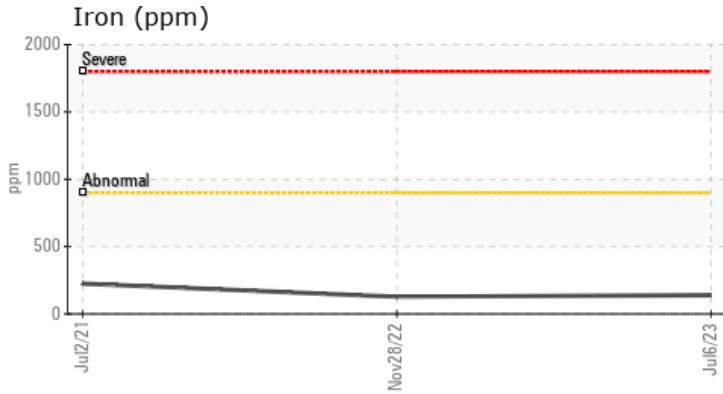
Depot: VOLVO8885
Unique No: 10560799
Signed: Don Baldrige
Report Date: 18 Jul 2023



CONSTRUCTION EQUIPMENT



GRAPHS





CONSTRUCTION EQUIPMENT

SPM579126 VOLVO A30G 740113 - DROP BOX



Sample No: VCP407221
Oil Type: GEAR OIL SAE 80W90
Job No: SPM579126



SAMPLE INFORMATION

Sample Number	VCP407221	VCP365833	VCP322344	VCE251713
Sample Date	06 Jul 2023	28 Nov 2022	02 Jul 2021	01 Sep 2017
Machine Hours	9329	8980	4067	336
Oil Hours	0	0	0	336
Oil Changed	Not Chngd	Changed	Changed	Changed
Sample Status	NORMAL	ATTENTION	NORMAL	ABNORMAL

ALTA EQUIPMENT CO - ORLAND PARK
 5000 INDUSTRIAL HWY
 GARY, IN
 US 46406
 Contact: DAVE ENG
 DAVE.ENG@ALTG.COM
 T: (312)350-2560
 F:



OIL CONDITION

Visc @ 40°C	cSt	163	▲ 47.8	■ 46.3	■ 62.12
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CONTAMINATION

Silicon	ppm	22	■ 25	■ 7	■ 19
Sodium	ppm	1	■ 8	■ 6	■ 4
Potassium	ppm	5	■ 16	■ 7	■ 1



WEAR METALS

Iron	ppm	81	■ 106	■ 39	■ 31
Copper	ppm	<1	■ 2	■ <1	■ 1
Lead	ppm	0	■ <1	■ 0	■ <1
Tin	ppm	0	■ <1	■ <1	■ 2
Aluminum	ppm	10	■ 10	■ 4	■ 2
Chromium	ppm	1	■ <1	■ <1	■ <1
Molybdenum	ppm	4	■ 7	■ <1	12
Nickel	ppm	0	■ 0	■ 0	■ <1
Titanium	ppm	<1	0	0	<1
Silver	ppm	0	<1	0	0
Manganese	ppm	1	■ 2	■ <1	2
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	3029	■ 323	■ 691	46
Magnesium	ppm	45	■ 28	■ 7	34
Zinc	ppm	1050	■ 185	■ 484	22
Phosphorus	ppm	1046	■ 2124	■ 1157	1399
Barium	ppm	0	■ 1	■ 0	0
Boron	ppm	42	■ 165	■ 126	173

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: VOLVO8885
Unique No: 10560813
Signed: Don Baldrige
Report Date: 18 Jul 2023



CONSTRUCTION EQUIPMENT



GRAPHS

