



CONSTRUCTION EQUIPMENT

N11939-02 ECA VOLVO L260H 1176 - FRONT AXLE



Sample No: VCP409982
Oil Type: TRANSAXLE OIL SAE 75W80
Job No: N11939-02 ECA



SAMPLE INFORMATION

Sample Number	VCP409982	VCP409684	VCP409682	---
Sample Date	23 May 2024	22 May 2024	21 May 2024	---
Machine Hours	4563	4563	4563	---
Oil Hours	0	0	0	---
Oil Changed	N/A	N/A	N/A	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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 1144 Zerega Avenue
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 US 10462
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 T: (732)752-3600
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OIL CONDITION

Visc @ 40°C	cSt	49.6	50.0	49.6	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	13	13	13	---
Sodium	ppm	2	2	2	---
Potassium	ppm	1	2	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	44	45	42	---
Copper	ppm	<1	<1	<1	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	2	2	2	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	<1	<1	<1	---
Nickel	ppm	0	0	0	---
Titanium	ppm	<1	<1	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	<1	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	3240	3226	3188	---
Magnesium	ppm	16	16	17	---
Zinc	ppm	1362	1343	1339	---
Phosphorus	ppm	1098	1077	1109	---
Barium	ppm	0	0	0	---
Boron	ppm	106	107	113	---

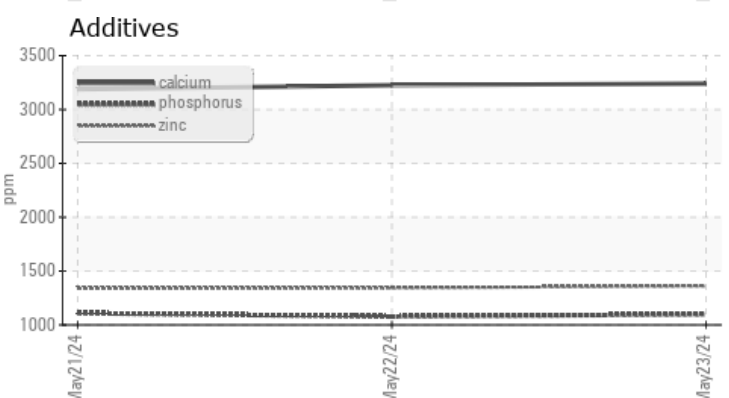
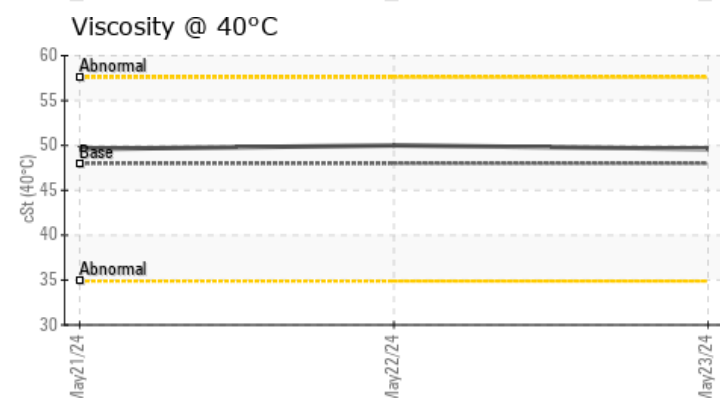
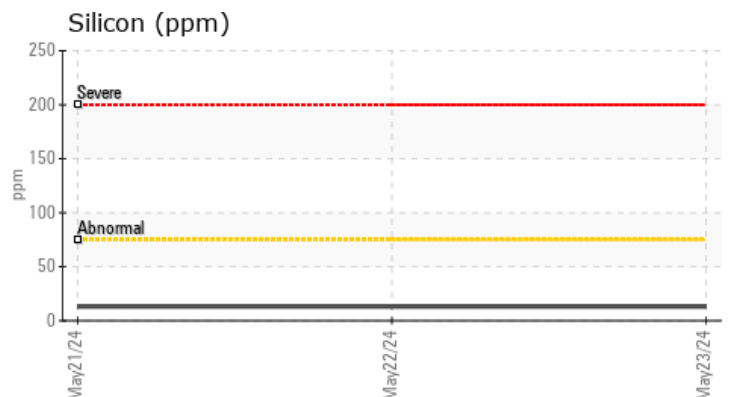
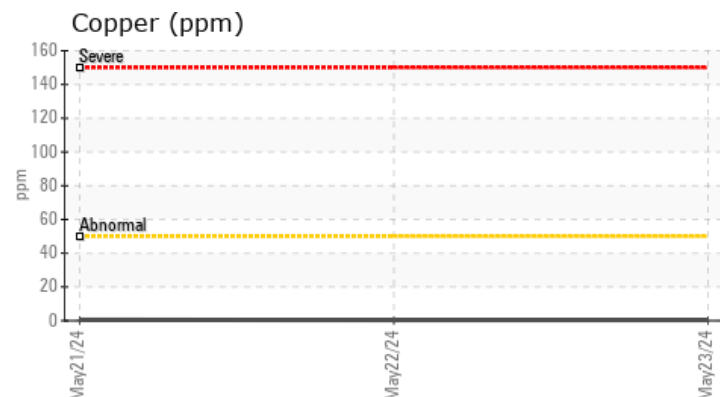
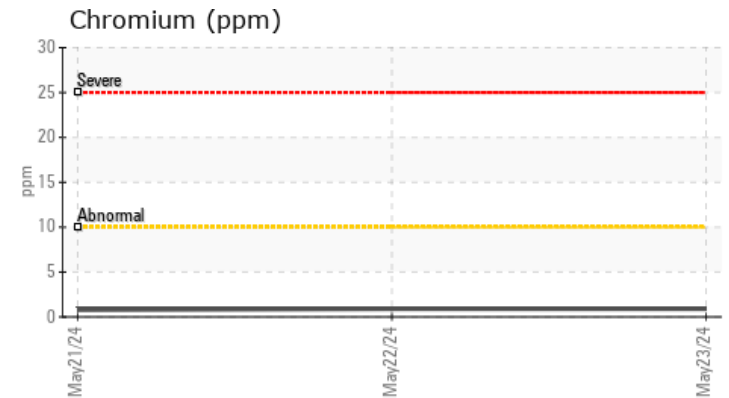
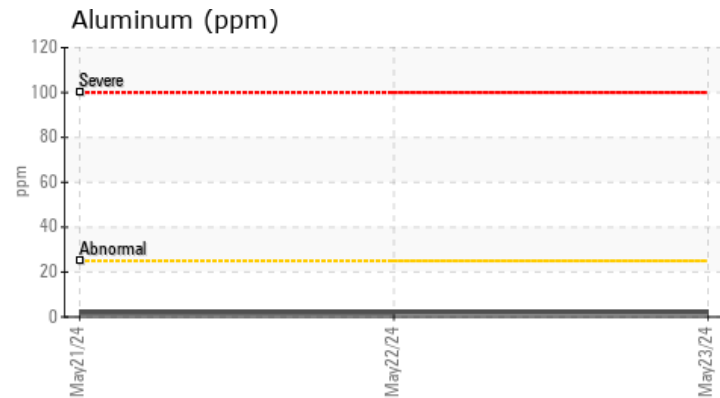
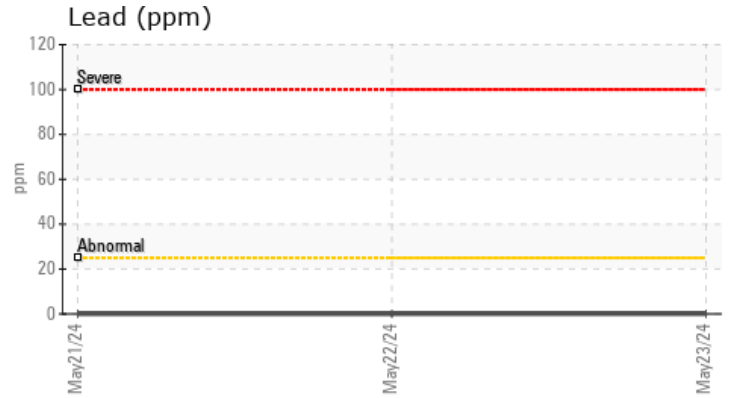
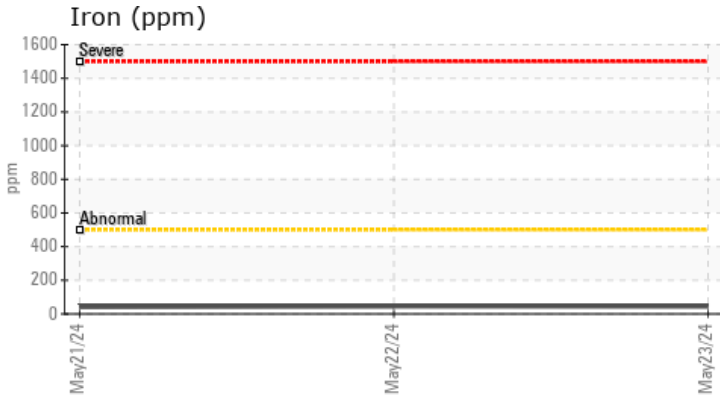
Depot: HOFBRO
Unique No: 11086710
Signed: Don Baldrige
Report Date: 20 Jun 2024



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CONSTRUCTION EQUIPMENT

RCA VOLVO L260H 1176 - REAR LEFT FINAL DRIVE



Sample No: VCP329736
Oil Type: VOLVO
Job No: RCA



SAMPLE INFORMATION

Sample Number	VCP329736	---	---	---
Sample Date	22 Dec 2021	---	---	---
Machine Hours	3859	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	SEVERE	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	40.6	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	18	---	---	---
Sodium	ppm	3	---	---	---
Potassium	ppm	<1	---	---	---

Diagnosis

We recommend that you drain the oil from the component if this has not already been done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Gear wear is indicated. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.



WEAR METALS

Iron	ppm	2033	---	---	---
Copper	ppm	4	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	3	---	---	---
Chromium	ppm	25	---	---	---
Molybdenum	ppm	20	---	---	---
Nickel	ppm	10	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	22	---	---	---
Vanadium	ppm	1	---	---	---



ADDITIVES

Calcium	ppm	3700	---	---	---
Magnesium	ppm	13	---	---	---
Zinc	ppm	1465	---	---	---
Phosphorus	ppm	1272	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	110	---	---	---

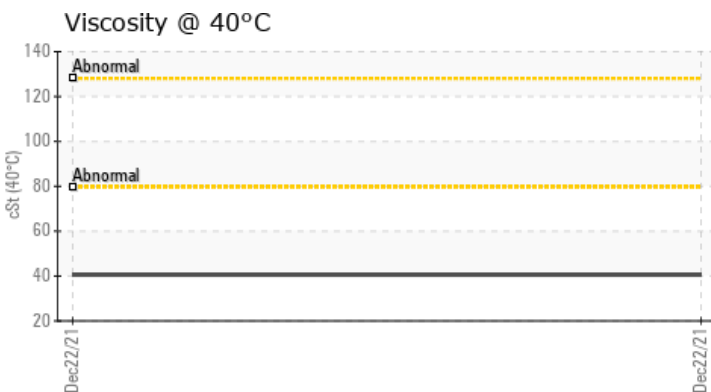
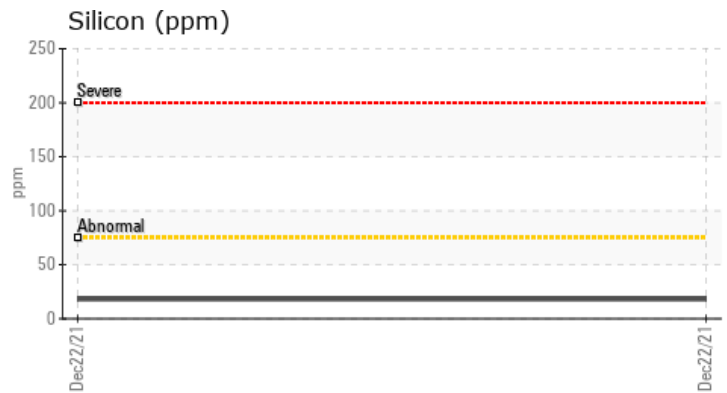
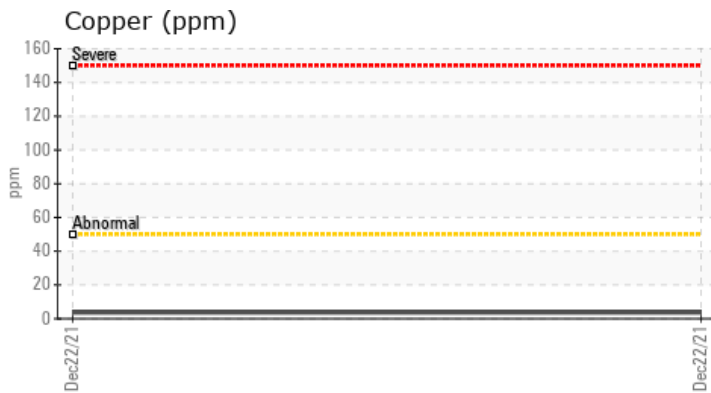
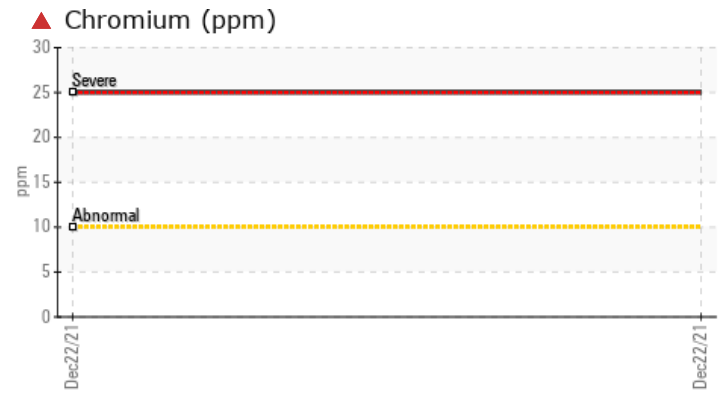
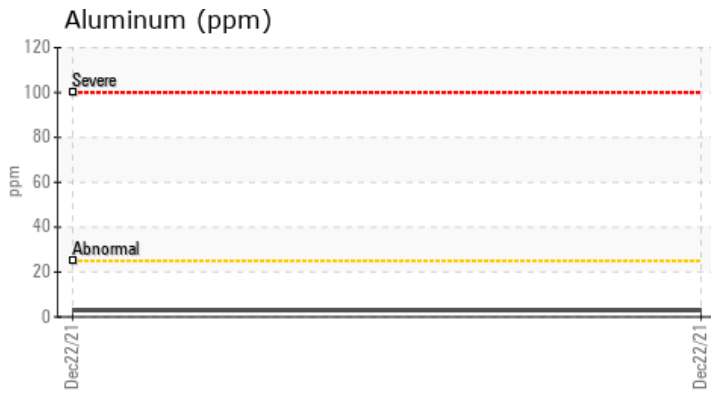
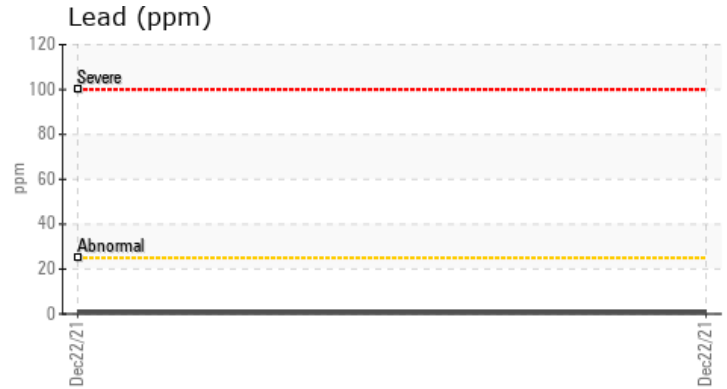
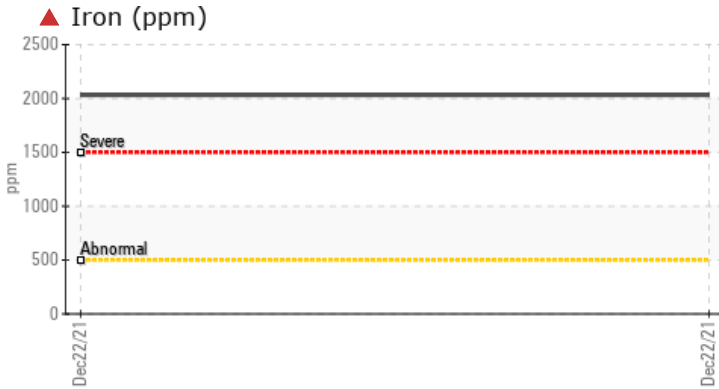
Depot: HOFBRO
Unique No: 9811920
Signed: Jonathan Hester
Report Date: 14 Jan 2022



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CONSTRUCTION EQUIPMENT

RCA VOLVO L260H 1176 - REAR AXLE



Sample No: VCP329742
Oil Type: VOLVO
Job No: RCA



SAMPLE INFORMATION

Sample Number	VCP329742	---	---	---
Sample Date	22 Dec 2021	---	---	---
Machine Hours	3859	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	SEVERE	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	40.5	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	18	---	---	---
Sodium	ppm	3	---	---	---
Potassium	ppm	0	---	---	---

Diagnosis

We recommend that you drain the oil from the component if this has not already been done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Gear wear is indicated. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.



WEAR METALS

Iron	ppm	2103	---	---	---
Copper	ppm	4	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	3	---	---	---
Chromium	ppm	26	---	---	---
Molybdenum	ppm	20	---	---	---
Nickel	ppm	10	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	22	---	---	---
Vanadium	ppm	2	---	---	---



ADDITIVES

Calcium	ppm	3700	---	---	---
Magnesium	ppm	12	---	---	---
Zinc	ppm	1481	---	---	---
Phosphorus	ppm	1278	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	109	---	---	---

Depot: HOFBRO
Unique No: 9811921
Signed: Jonathan Hester
Report Date: 14 Jan 2022



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