



CONSTRUCTION EQUIPMENT

SWO-069538 LHOIST VOLVO L350H 1007 - TRANSMISSION (MANUAL)



Sample No: VCP444439
Oil Type: {unknown}
Job No: SWO-069538 LHOIST



SAMPLE INFORMATION

Sample Number	VCP444439	VCP445803	VCP402622	VCP373075
Sample Date	09 Feb 2024	17 Nov 2023	05 Apr 2023	15 Apr 2022
Machine Hours	1802	17555	1551	12518
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

COWIN EQUIPMENT COMPANY
 2238 PINSON VALLEY PARKWAY
 BIRMINGHAM, AL
 US 35217
 Contact: BRANTLY CLAY
 bclay@cowin.com
 T:
 F: (205)856-2106



OIL CONDITION

Visc @ 40°C	cSt	103	103	94.8	95.2
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	8	7	10	18
Sodium	ppm	0	3	<1	1
Potassium	ppm	2	0	0	0

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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	12	7	13	18
Copper	ppm	21	15	28	38
Lead	ppm	<1	<1	0	<1
Tin	ppm	1	<1	<1	<1
Aluminum	ppm	1	1	<1	1
Chromium	ppm	<1	0	0	<1
Molybdenum	ppm	<1	0	1	1
Nickel	ppm	<1	<1	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	<1	0	0	<1
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	2942	3104	3517	3583
Magnesium	ppm	11	12	21	17
Zinc	ppm	1168	1169	1170	1111
Phosphorus	ppm	994	1075	925	958
Barium	ppm	0	0	0	0
Boron	ppm	<1	<1	2	5

Depot: VOLVO8528
Unique No: 10883458
Signed: Wes Davis
Report Date: 16 Feb 2024

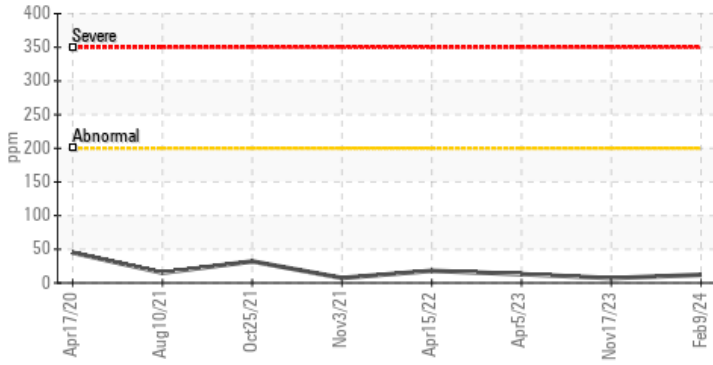


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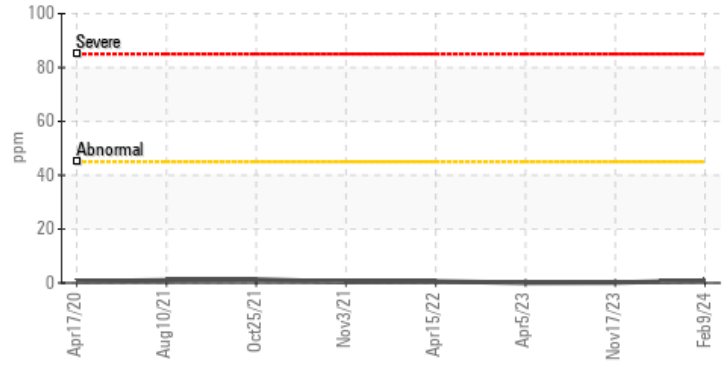


GRAPHS

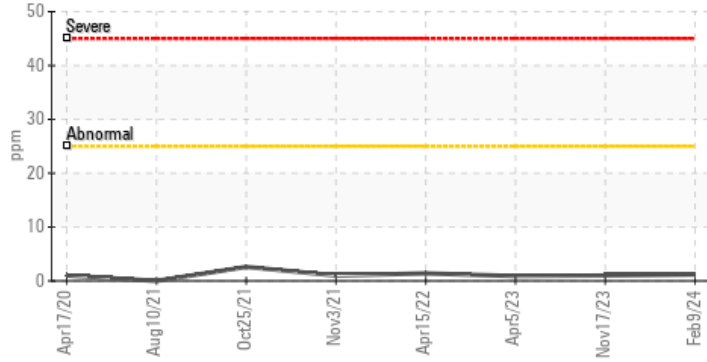
Iron (ppm)



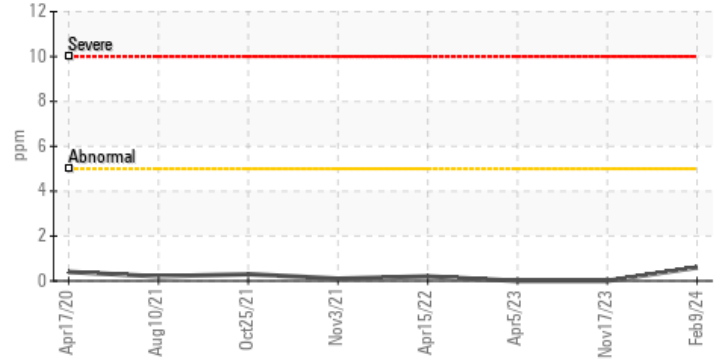
Lead (ppm)



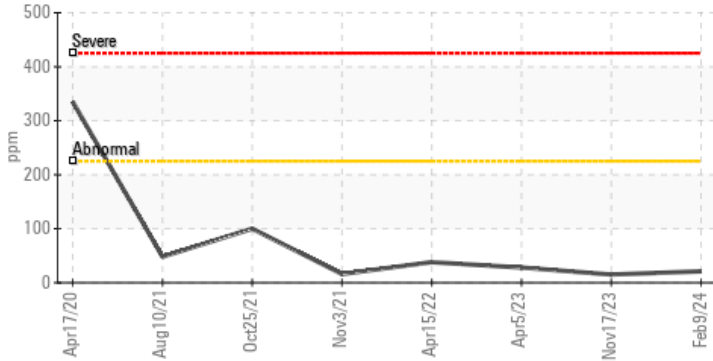
Aluminum (ppm)



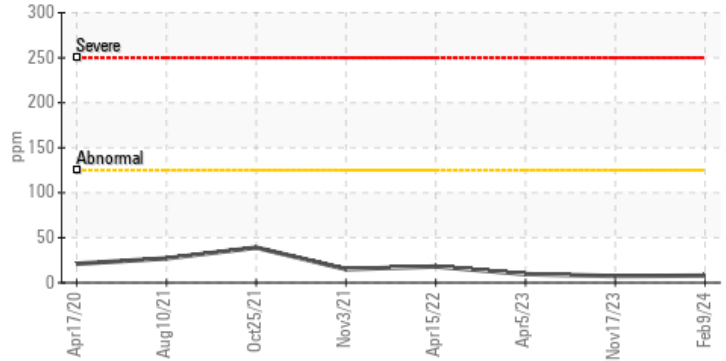
Chromium (ppm)



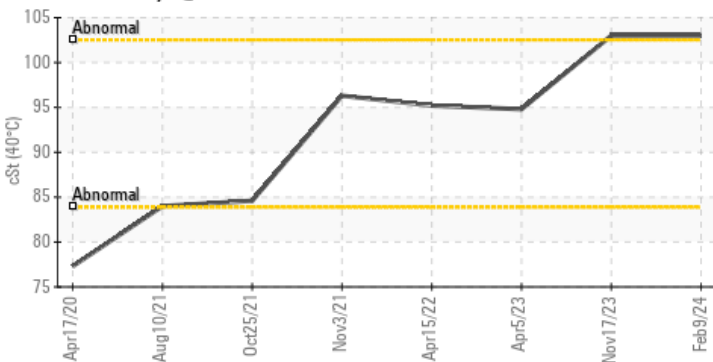
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

