



CONSTRUCTION EQUIPMENT

645692 STONE CO VOLVO L350H 1212 - TRANSMISSION (MANUAL)



Sample No: VCP433736
Oil Type: VOLVO SUPER TRANSMISSION OIL SAE 30
Job No: 645692 STONE CO



SAMPLE INFORMATION

Sample Number	VCP433736	VCP431399	VCP412706	VCP426599
Sample Date	12 Dec 2023	18 Sep 2023	07 Aug 2023	11 Apr 2023
Machine Hours	2924	2342	1955	987
Oil Hours	924	0	1000	987
Oil Changed	Changed	Not Chngd	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

ALTA EQUIPMENT COMPANY - METRO WEST
 56195 PONTIAC TRAIL
 NEW HUDSON, MI
 US 48165
 Contact: PAUL CONZ
 paul.conz@altg.com
 T: (313)348-8861
 F: (248)356-2029



OIL CONDITION

Visc @ 40°C	cSt	77.6	77.0	80.3	38.1
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	11	10	19	42
Sodium	ppm	0	1	0	2
Potassium	ppm	2	<1	0	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 fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	15	10	16	36
Copper	ppm	51	28	56	▲ 116
Lead	ppm	0	<1	0	0
Tin	ppm	1	<1	0	<1
Aluminum	ppm	1	<1	0	1
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	<1	<1	0	<1
Nickel	ppm	<1	0	0	0
Titanium	ppm	<1	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	0	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	2456	2480	3327	2962
Magnesium	ppm	7	10	8	12
Zinc	ppm	1011	1025	1425	1155
Phosphorus	ppm	908	859	1136	947
Barium	ppm	0	0	0	2
Boron	ppm	<1	<1	0	0

Depot: VOLVO2990
Unique No: 10795030
Signed: Wes Davis
Report Date: 20 Dec 2023

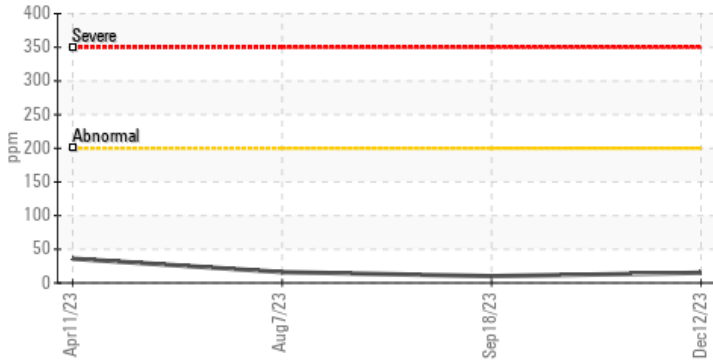


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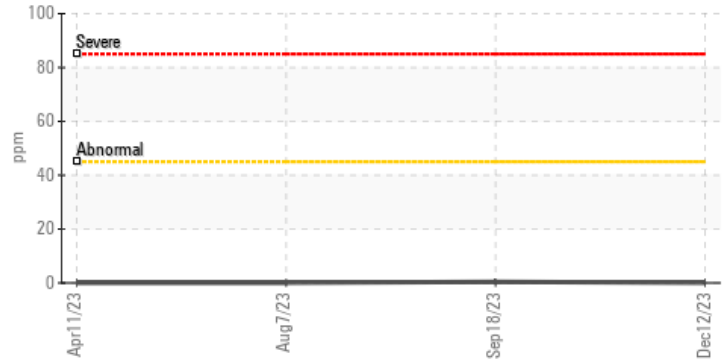


GRAPHS

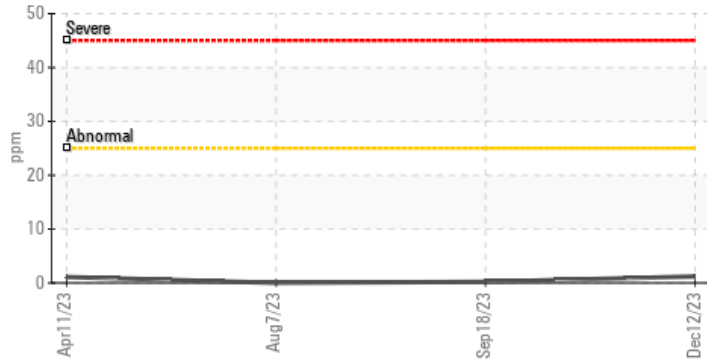
Iron (ppm)



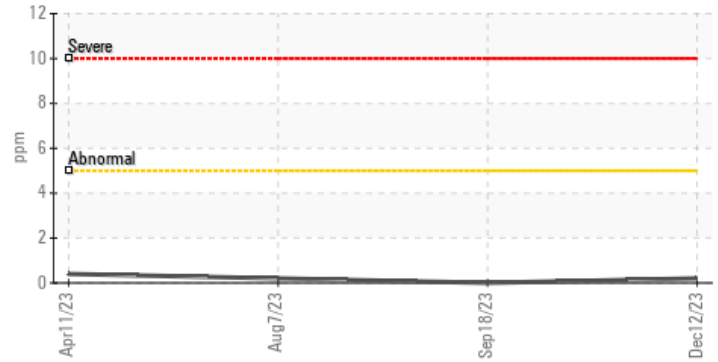
Lead (ppm)



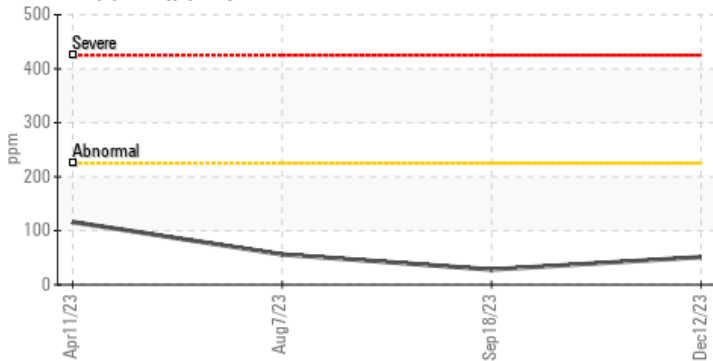
Aluminum (ppm)



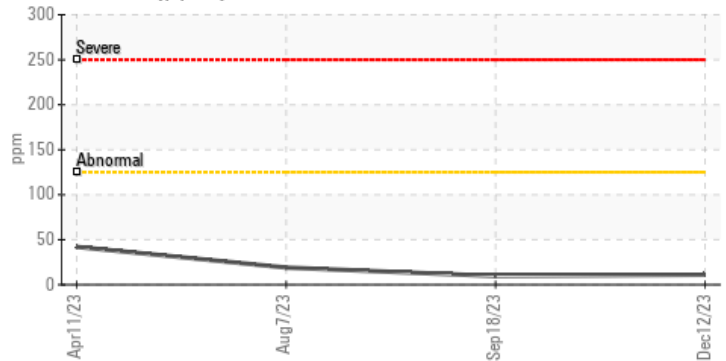
Chromium (ppm)



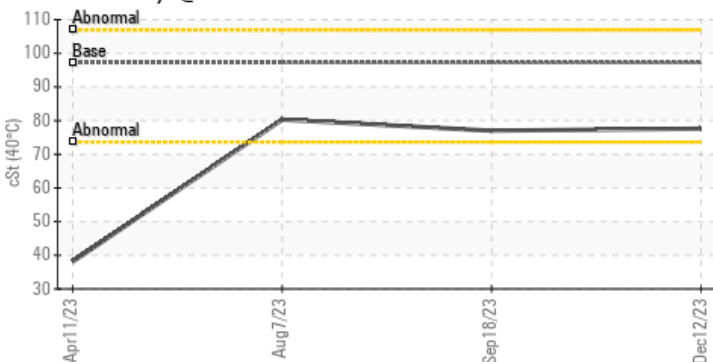
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

