



CONSTRUCTION EQUIPMENT

280 VOLVO L90H 623125 - TRANSMISSION (AUTO)



Sample No: VCP288878
Oil Type: MOBIL ATF
Job No: 280



SAMPLE INFORMATION

Sample Number	VCP288878	VCP318880	VCP281658	VCP227321
Sample Date	21 Jul 2023	13 Dec 2021	27 Jul 2020	09 Jul 2019
Machine Hours	11322	8650	6515	4743
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	N/A
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

VCES- VOLVO CONSTRUCTION EQUIPMENT
 12345 MAPLEVIEW STREET
 LAKESIDE, CA
 US 92040
 Contact: Mark Stewart
 mark.stewart@vcesvolvo.com
 T: X:
 F: X:



OIL CONDITION

Visc @ 40°C	cSt	27.0	26.8	26.76	27.4
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CONTAMINATION

Silicon	ppm	2	2	4	6
Sodium	ppm	2	0	2	3
Potassium	ppm	0	<1	1	<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 fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	8	7	16	31
Copper	ppm	6	2	5	7
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	<1	0	0	1
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	79	89	83	91
Magnesium	ppm	2	0	2	4
Zinc	ppm	7	0	8	33
Phosphorus	ppm	185	168	155	150
Barium	ppm	0	0	0	<1
Boron	ppm	80	79	92	56

Depot: VOLVO4488
Unique No: 10585714
Signed: Sean Felton
Report Date: 03 Aug 2023

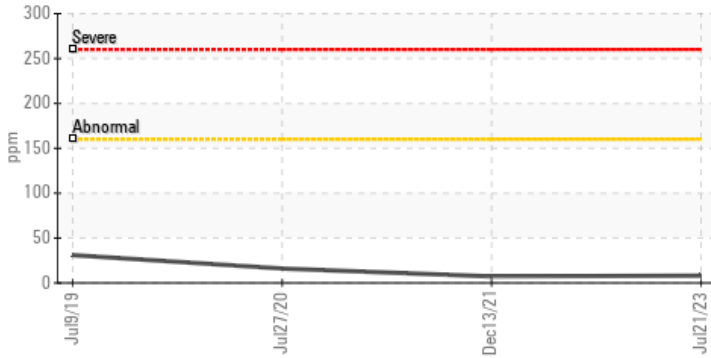


CONSTRUCTION EQUIPMENT

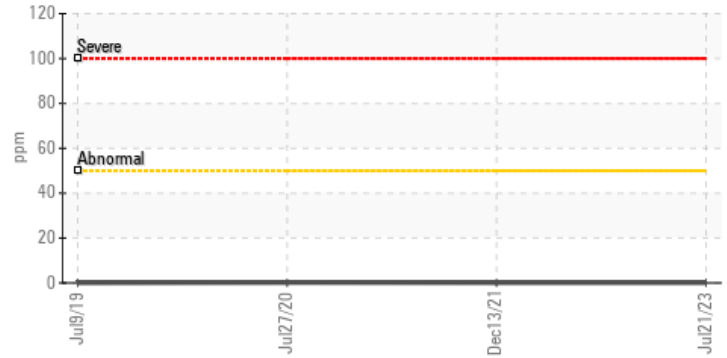


GRAPHS

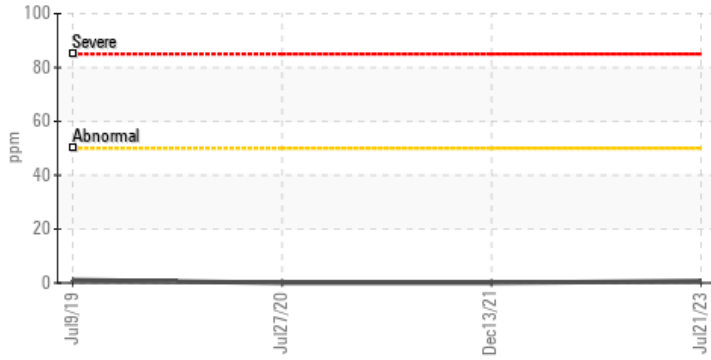
Iron (ppm)



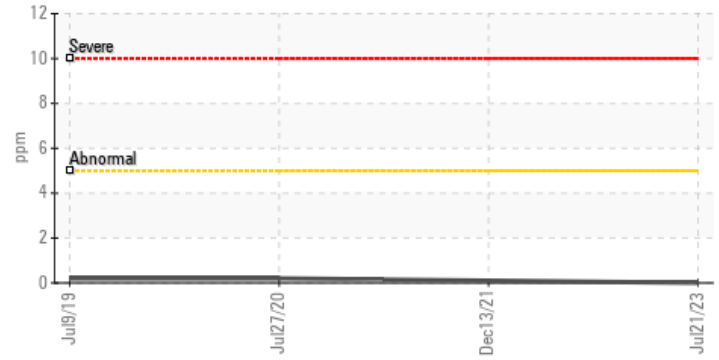
Lead (ppm)



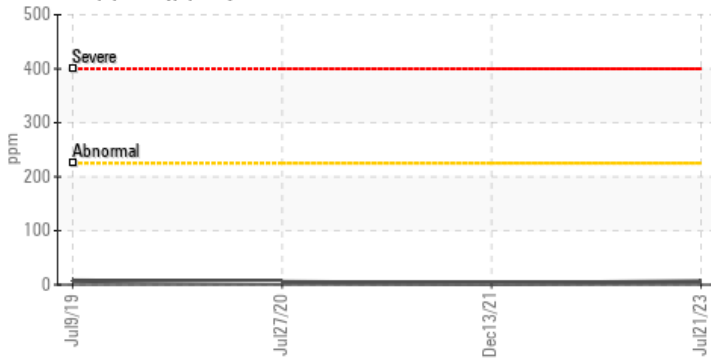
Aluminum (ppm)



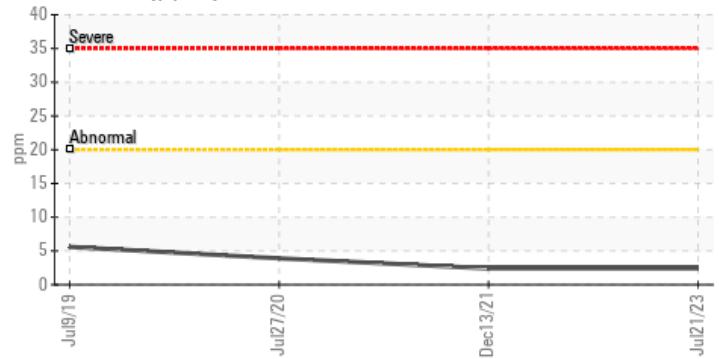
Chromium (ppm)



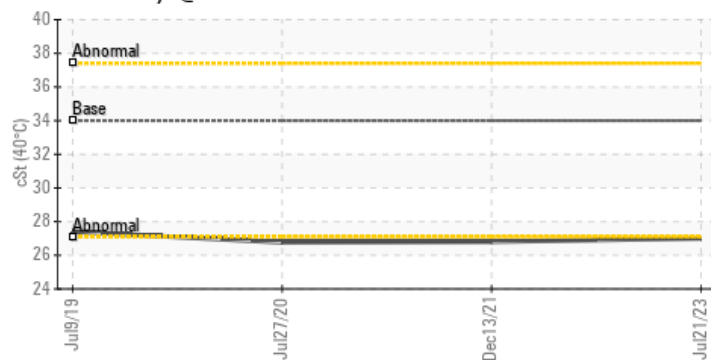
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

