



CONSTRUCTION EQUIPMENT

A12444 - TRANSMISSION (AUTO)



Sample No: VCP439375
Oil Type: MOBIL AT 102
Job No: A12444



SAMPLE INFORMATION

Sample Number	VCP439375	VCP408152	VCP428666	VCP385761
Sample Date	10 Apr 2024	15 Feb 2024	05 Jan 2024	19 Jan 2023
Machine Hours	15680	15280	14960	13266
Oil Hours	1000	1000	1000	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	N/A
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

WASTE MANAGEMENT - TELFORD
 400 PROGRESS DR
 TELFORD, PA
 US 18969-1191
 Contact: EDWARD ROGENER
 erogener@wm.com
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	27.2	31.1	27.6	23.3
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	7	7	7	8
Sodium	ppm	4	2	3	<1
Potassium	ppm	2	0	2	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	74	68	65	125
Copper	ppm	7	7	6	11
Lead	ppm	<1	0	0	0
Tin	ppm	<1	<1	0	1
Aluminum	ppm	<1	<1	<1	47
Chromium	ppm	<1	<1	<1	0
Molybdenum	ppm	<1	<1	0	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	4	4	4	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	87	78	88	69
Magnesium	ppm	1	0	4	<1
Zinc	ppm	12	0	7	0
Phosphorus	ppm	219	214	248	241
Barium	ppm	4	0	4	0
Boron	ppm	94	95	96	104

Depot: WASTEL
Unique No: 10991914
Signed: Jonathan Hester
Report Date: 24 Apr 2024

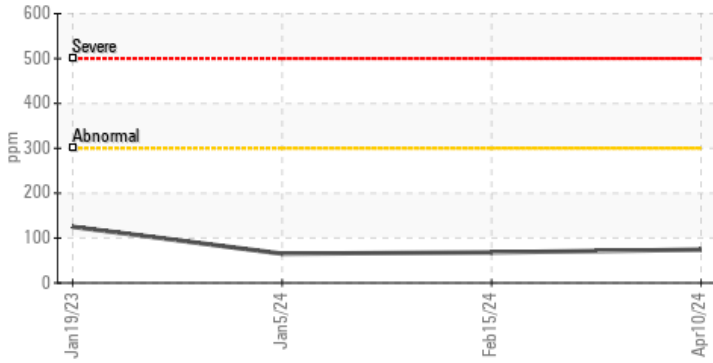


CONSTRUCTION EQUIPMENT

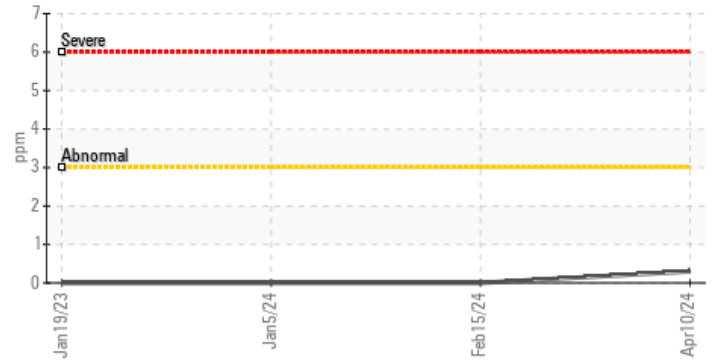


GRAPHS

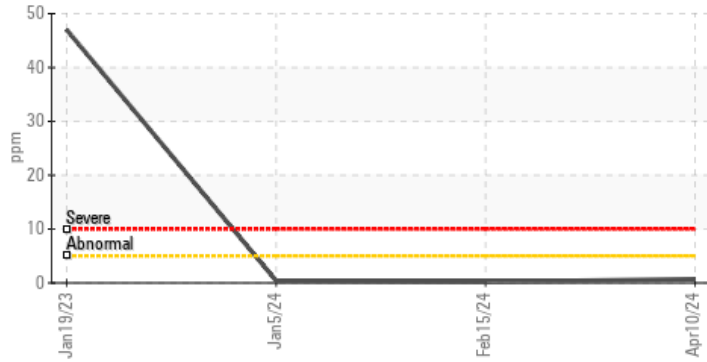
Iron (ppm)



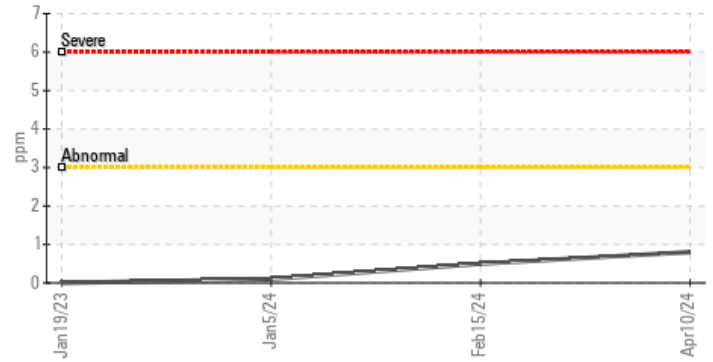
Lead (ppm)



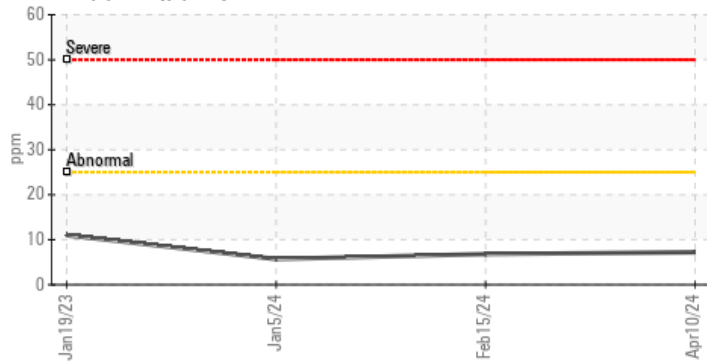
Aluminum (ppm)



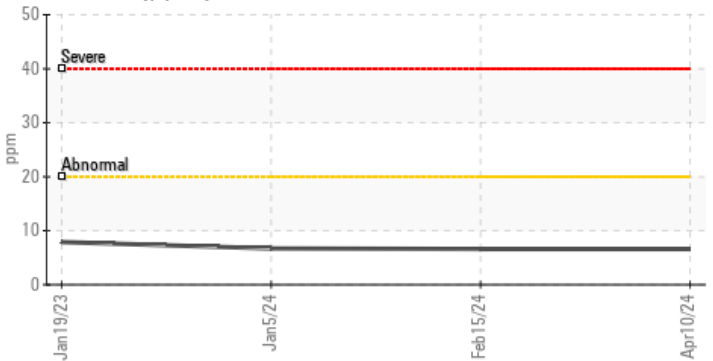
Chromium (ppm)



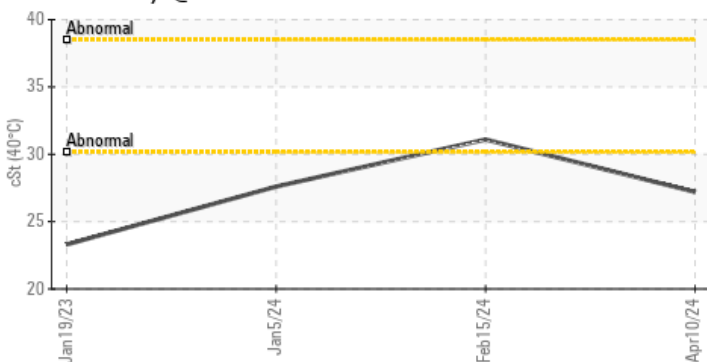
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

