



CONSTRUCTION EQUIPMENT

REWORLD SEMASS VOLVO L220H 3589 - TRANSMISSION (AUTO)



Sample No: VCP453826
Oil Type: PENNZOIL DEXRON MERCON ATF FLUID
Job No: REWORLD SEMASS



SAMPLE INFORMATION

Sample Number	VCP453826	VCP441404	VCP440506	VCP442695
Sample Date	03 Jul 2024	13 May 2024	18 Mar 2024	31 Jan 2024
Machine Hours	2727	1816	897	108
Oil Hours	911	919	789	108
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

COVANTA ENERGY
 141 CRANBERRY HWY
 WEST WAREHAM, MA
 US 02576

Contact: SAWYER
 ssawyer@woodcomachinery.com
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	24.0	29.9	23.2	28.5
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	19	2	4	5
Sodium	ppm	4	2	<1	2
Potassium	ppm	0	0	<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 oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	30	16	19	11
Copper	ppm	3	2	3	2
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	2	0	2	<1
Chromium	ppm	<1	0	<1	0
Molybdenum	ppm	<1	0	<1	0
Nickel	ppm	<1	0	<1	0
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	1	2	3
Vanadium	ppm	<1	0	<1	<1



ADDITIVES

Calcium	ppm	101	67	94	5
Magnesium	ppm	0	0	1	0
Zinc	ppm	6	0	8	0
Phosphorus	ppm	262	221	201	186
Barium	ppm	0	0	0	4
Boron	ppm	111	120	105	106

Depot: COVWES
Unique No: 11112506
Signed: Sean Felton
Report Date: 09 Jul 2024

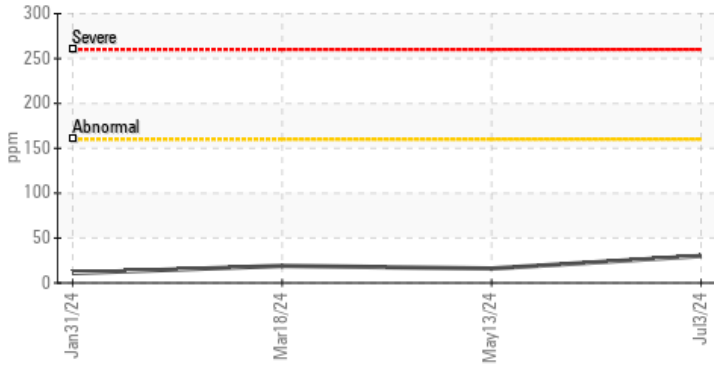


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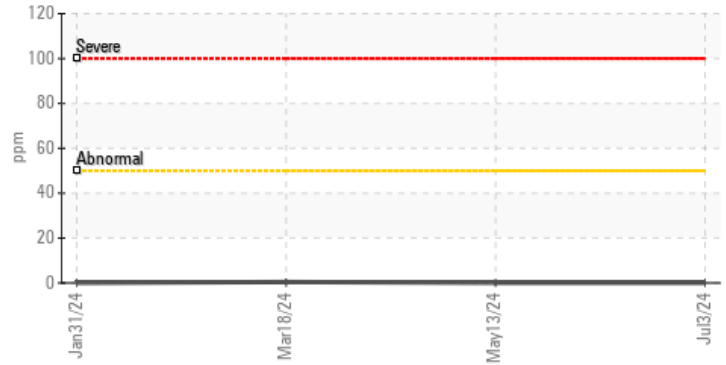


GRAPHS

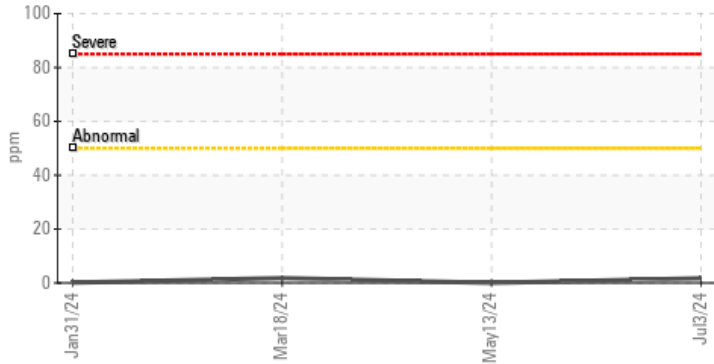
Iron (ppm)



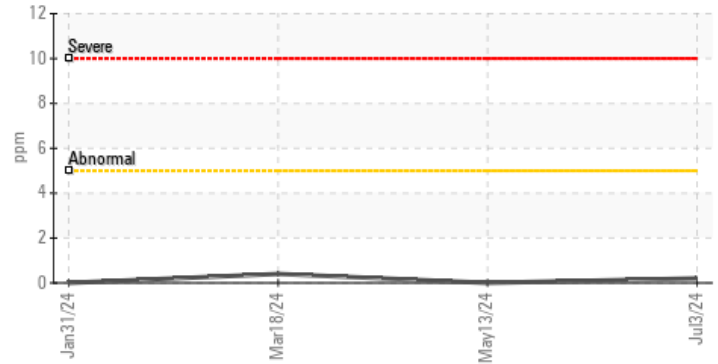
Lead (ppm)



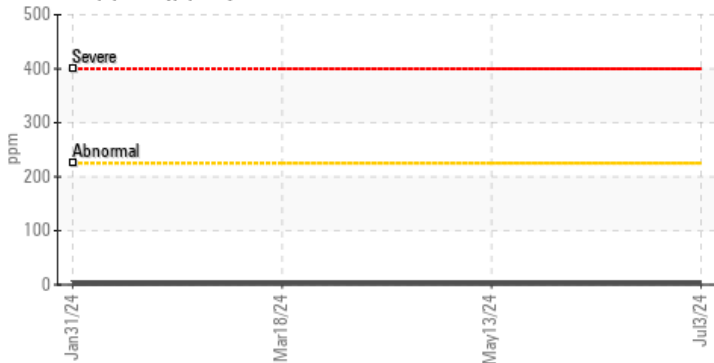
Aluminum (ppm)



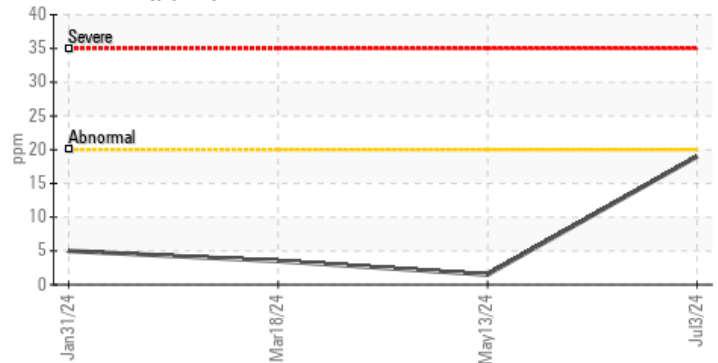
Chromium (ppm)



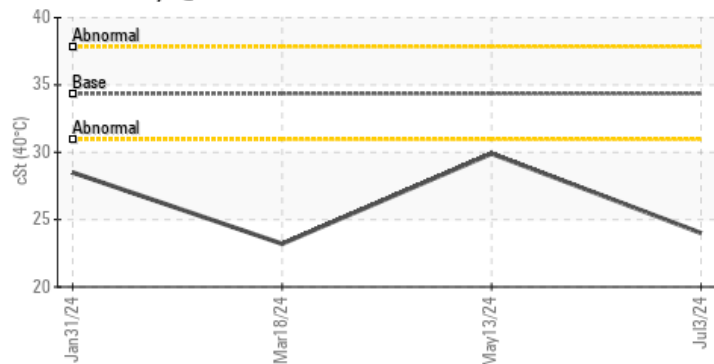
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

