CONSTRUCTION EQUIPMENT 662078 VOLVO A30F 82303 - FRONT AXLE



Sample No: VCP441651

VOINTO

Oil Type:	VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:	662078

	E INFORMATION				
Sample Number		VCP441651	VCP390290	VCP266225	VCP177216
Sample Date		02 Feb 2024	28 Dec 2022	25 Apr 2020	01 Apr 2016
Machine Hours		12787	11500	10182	4143
Dil Hours		4000	1500	2000	0
Dil Changed		Changed	Not Changd	Changed	Changed
Sample Status		SEVERE	ATTENTION	NORMAL	NORMAL
OIL CON	INITION				
Visc @ 40°C	cSt	457	288	268	218.3
CONTAI	MINATION				
Water	%	• 13.5	NEG	NEG	NEG
ilicon	ppm	20	21	30	5
Sodium	ppm	0	1	□ <1	<1
otassium	ppm	0	0	2	< 1
WEAR I	METALS				
ron	ppm	346	119	98	312
Copper	ppm	4 5	12	18	20
.ead	ppm	0	0	0	<1
īn	ppm	<u> </u>	<1	0	<1
Aluminum	ppm	2	1	2	<1
Chromium	ppm	5	1	□1	4
Molybdenum	ppm	0	1	 <1	0
Nickel	ppm	3	<1	 <1	2
Titanium	ppm	<1	<1	<1	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	4	1	 <1	4
/anadium	ppm	0	0	0	0
VOLVO					

ADDITIVES Calcium ppm 204 218 140 35 Magnesium 5 20 11 20 ppm 105 33 Zinc ppm 124 75 Phosphorus 800 891 866 962 ppm Barium ppm 0 🔲 0 0 <1 153 148 Boron ppm 135 118



RIPA AND ASSOCIATES

10149 FISHER AVENUE TAMPA, FL US 33619 Contact: PM Services PMServices@ripaconstruction.com T: F:

Diagnosis

We advise that you check for the source of water entry. Oil and filter change at the time of sampling has been noted. We recommend an early resample to monitor this condition.Bearing and/or bushing wear is indicated. Appearance is unacceptable There is a high concentration of water present in the oil. The oil viscosity is higher than normal. The oil is no longer serviceable due to the presence of contaminants.

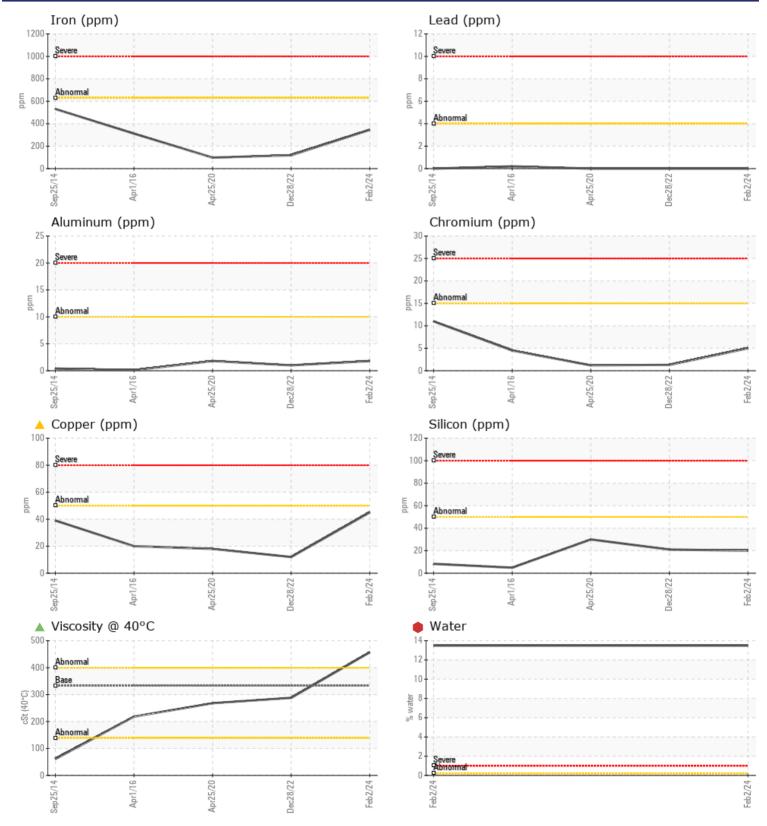
Depot:	RIPTAM
Unique No:	10887346
Signed:	Sean Felton
Report Date:	22 Feb 2024

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: RIPTAM [WUSCAR] 06094493 (Generated: 02/22/2024 09:09:51) Rev: 1

Contact/Location: PM Services ? - RIPTAM