10075 ENVIROVANTAGE VOLVO EC380E 314814 - REAR LEFT FINAL DRIV

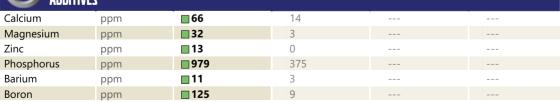
Sample No: VCP422154

VOLVO

Oil Type:	CHEVRON DELO GEAR ESI OIL 85W140
Job No:	10075 ENVIROVANTAGE

SAMPLE INFORMATION

	INF URMA I IU	N		
Sample Number	-	VCP422154	VCP360331	
Sample Date		13 Dec 2023	18 Mar 2022	
Machine Hours		2128	607	
Oil Hours		0	0	
Oil Changed		Changed	Changed	
Sample Status		SEVERE	ABNORMAL	
OIL COND	ITION		_	
Visc @ 40°C	cSt	297	179	
CONTAM	NATION			
Water	%	NEG	NEG	
Silicon	ppm	e 1353	▲ 85	
Sodium	ppm	1 0	2	
Potassium	ppm	4 3	3	
VOLVO				
WEAR M	ETALS			
Iron	ppm	• 4058	136	
Copper	ppm	8	0	
Lead	ppm	∎1	0	
Tin	ppm	0	0	
Aluminum	ppm	1 99	a 26	
Chromium	ppm	4 2	4	
Molybdenum	ppm	5	<1	
Nickel	ppm	5	0	
Titanium	ppm	20	2	
Silver	ppm	0	<1	
Manganese	ppm	33	3	
Vanadium	ppm	<1	0	
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MCCLUNG-LOGAN EQUIPMENT CO - BALTIMORE 4601 WASHINGTON BOULEVARD BALTIMORE, MD

BALTIMORE, MD US 21227 Contact: MARK CIULLA mciulla@mcclung-logan.com T: (410)242-6500 F: (410)242-7835

Diagnosis

We advise that you check all areas where dirt can enter the system. The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition.Gear wear is indicated. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The oil is no longer serviceable due to the presence of contaminants.

Depot:	VOLVO0150
Unique No:	10794920
Signed:	Jonathan Hester
Report Date:	21 Dec 2023

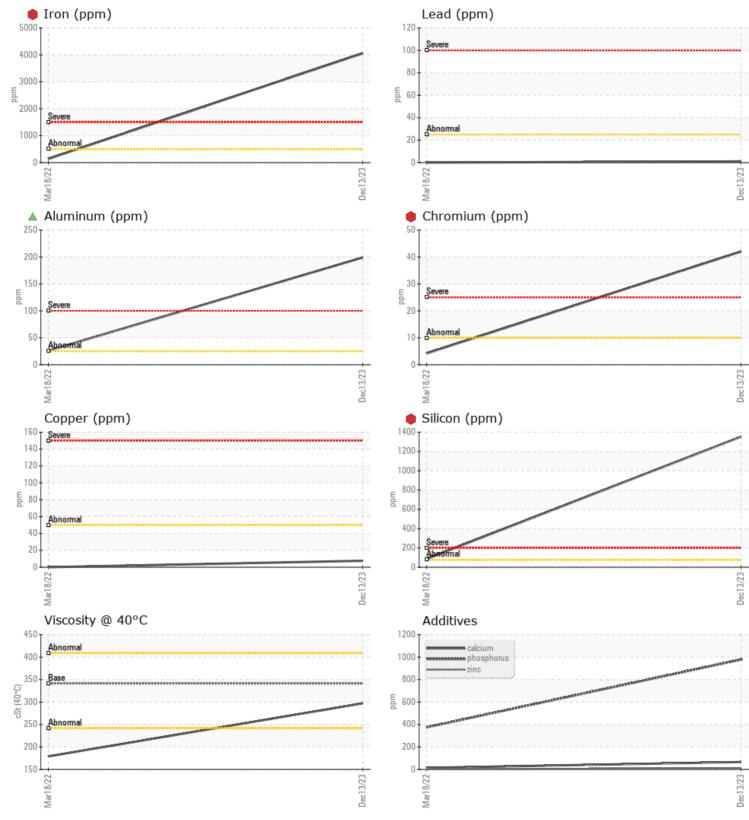
Contact/Location: MARK CIULLA - VOLVO0150

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO0150 [WUSCAR] 06039691 (Generated: 12/21/2023 13:02:35) Rev: 1

Contact/Location: MARK CIULLA - VOLVO0150