CONSTRUCTION EQUIPMENT CAVANAGH 394790 VOLVO EC480EL 314289 - REAR LEFT FINAL

Sample No: VCP380076 **Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5 Job No: 394790

Zinc

Barium

Boron

Magnesium

Phosphorus

ppm

ppm

ppm

ppm

ppm

VOLVO

SAMPL	E INFORMATION				
Sample Number		VCP380076	VCP349512	 	
Sample Date		14 Feb 2024	16 Oct 2022	 	ST
Machine Hours		6034	4032	 	54
Oil Hours		2000	0	 	01
Oil Changed		Changed	Changed	 	CA
Sample Status		ABNORMAL	SEVERE	 	Co
					ds
OIL CON	DITION				T: F:
Visc @ 40°C	cSt	4 97.6	154	 	
VOLVO					D
CONTA	MINATION				C
Water	%	0.087	0.066	 	b
Silicon	ppm	466	• 701	 	R
Sodium	ppm	30	42	 	to
Potassium	ppm	40	62	 	V
					G
WEAR	METALS				in Tı
PQ			731	 	CC
Iron	ppm	849	4725	 	yo ra
Copper	ppm	2	8	 	n
Lead	ppm	0	<1	 	a
Tin	ppm	0	0	 	0
Aluminum	ppm	110	1 67	 	40
Chromium	ppm	8	45	 	th
Molybdenum	ppm	 <1	5	 	is
Nickel	ppm	1	2	 	is
Titanium	ppm	6	10	 	15
Silver	ppm	0	0	 	
Manganese	ppm	6	▲ 35	 	
Vanadium	ppm	0	<1	 	
VOLVO				 	
ADDITI	VES				
Calcium	ppm	2426	A 848	 	

64

260

450

3

5



FRONGCO EQUIPMENT

IBER ROAD TTAWA, ON A K2S 1E8 ontact: Daniel Simard simard@strongco.com (613)836-6633 (613)836-2614

iagnosis

Confirm the source of the lubricant eing utilized for top-up/fill. esample at the next service interval o monitor. The fluid was specified as OLVO PREMIUM GEAR OIL 80W-90 L-5, however, a fluid match ndicates that this fluid is SAE 40 ransmission/Drive Train Oil. Please onfirm the oil type and grade on our next sample.All component wear ates are normal. The water content is egligible. There is no indication of ny contamination in the oil. Viscosity f sample indicates oil is within SAE 0 range, advise investigate. This plus he additive levels indicates that this not the same brand, or type of oil s reported. The condition of the oil acceptable for the time in service.

Depot:	SHESTI		
Unique No:	5734305		
Signed:	Kevin Marson		
Report Date:	23 Feb 2024		

50

946

834

<1

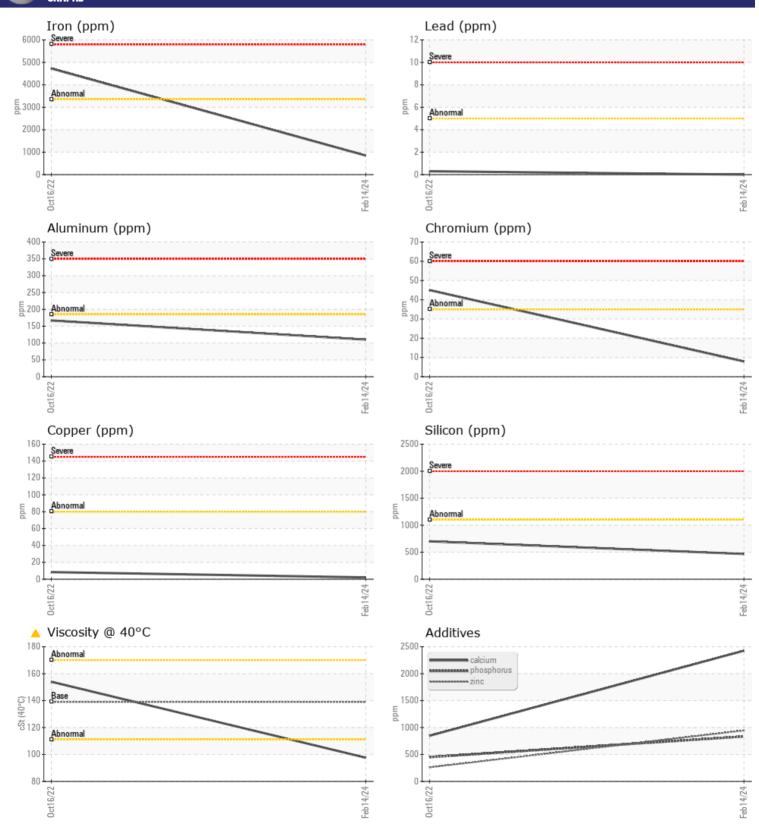
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CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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