CONSTRUCTION EQUIPMENT X59829 VOLVO EC350EL 314453 - REAR LEFT FINAL DRIVE



VOLVO

e:	VOLVO PRE	MIUM GEAF	R OIL 8!	5W-140	GL-5

Job No:

X59829

SAMPLE INFORMATION

3/(I/II EE				
Sample Number		VCP441794	VCP367129	
Sample Date		01 Jul 2024	27 Feb 2023	
Machine Hours		970	302	
Oil Hours		0	0	
Oil Changed		Changed	N/A	
Sample Status		SEVERE	ABNORMAL	
OIL CON				
	-			
Visc @ 40°C	cSt	314	174	
VOLVO				
CONTAM	IINATION			
Water	%	NEG	NEG	
Silicon	ppm	▲ 318	▲ 104	
Sodium	ppm	8	4	
Potassium	ppm	12	6	
VOLVO	ETALC			
WEAR M	IETALS			
Iron	ppm	A 2023	<mark>▲</mark> 645	
Copper	ppm	4	□ <1	
Lead	ppm	0	0	
Tin	ppm	0	0	
Aluminum	ppm	5 2	- 18	
Chromium	ppm	4 51	<u> </u>	
Molybdenum	ppm	5	2	
Nickel	ppm	3	2	
Titanium	ppm	6	1	
Silver	ppm	0	<1	
Manganese	ppm	18	8	
Vanadium	ppm	0	<1	

Calcium	ppm	230	38	
Magnesium	ppm	■11	4	
Zinc	ppm	27	14	
Phosphorus	ppm	894	317	
Barium	ppm	2	0	
Boron	ppm	100	<1	



SCOTT EQUIPMENT COMPANY LLC - Saint Rose PO BOX 997 SAINT ROSE, LA

US 70087 Contact: DENISE CORVERS dcorvers@scottcompanies.com T: (504)461-0961 F: (504)461-0970

Diagnosis

We advise that you check all areas where dirt can enter the system. We recommend an early resample to monitor this condition.Gear wear is indicated. All other metal levels are typical for a new component breaking in. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The condition of the oil is acceptable for the time in service.

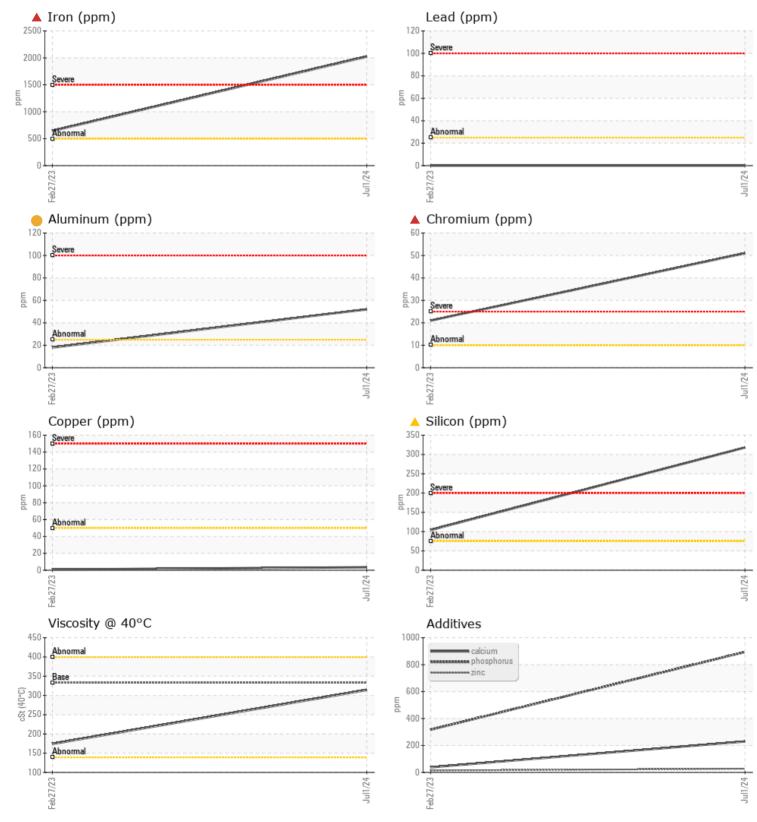
Depot:SCOSAIUnique No:11116074Signed:Don BaldridgeReport Date:12 Jul 2024Contact/Location: DENISE CORVERS - SCOSAI

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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