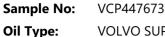
CONSTRUCTION EQUIPMENT VOLVO EC350 314351 - REAR RIGHT FINAL DRIVE 25372



25372

VOLVO

ype:	VOLVO SUPER GEAR OIL 75W-80-GO102
760.	

Job No:

Zinc

Barium

Boron

Phosphorus

SAMPLE	E INFORMATION					
Sample Number		VCP447673	VCP404627			
Sample Date		08 May 2024	30 Jun 2023			
Machine Hours		3037	1914			
Oil Hours		0	2000			
Oil Changed		Not Changd	Changed			
Sample Status		SEVERE	SEVERE			
OIL CONDITION						
Visc @ 40°C	cSt	66.6	185			
	MINATION					
	%	NEG	NEG		<u>.</u>	
Water Silicon		A 420	▲ 407			
Sodium	ppm	3	1			
Potassium	ppm ppm	1				
Fotassium	ρρπ	•				
WEAR N	MFTAIS					
		▲ 3372	1 287			
Iron	ppm		2			
Copper Lead	ppm	6	0			
Tin	ppm	0	<1			
Aluminum	ppm	60	▲ 57			
Chromium	ppm	 ■ 80 ▲ 26 	▲ 27			
Molybdenum	ppm	4	3			
Nickel	ppm	2	2			
Titanium	ppm ppm	6	7			
Silver	ppm	0	0			
Manganese	ppm	17	14			
Vanadium	ppm	<1	<1			
Vandalam	ppiii					
VOLVO						
	VES					
Calcium	ppm	1 1	9			
Magnesium	ppm	 <1	2			

0

2 0

276



218 - ASCENDUM MACHINERY INC - N. CHARLESTON

7235 CROSS COUNTRY RD. NORTH CHARLESTON, SC US 29418 Contact: MATT MITCHAM matt.mitcham@ascendummachinery.com T: F: (843)414-1129

Diagnosis

We advise that you check all areas where dirt can enter the system. We recommend that you drain the oil from the component if this has not already been done. 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:	VOLVO3387			
Unique No:	11030478			
Signed:	Sean Felton			
Report Date:	16 May 2024			
Contact/Location: MATT MITCHAM - VOLVO3387				

33

0 🔲

89

1714

ppm

ppm

ppm

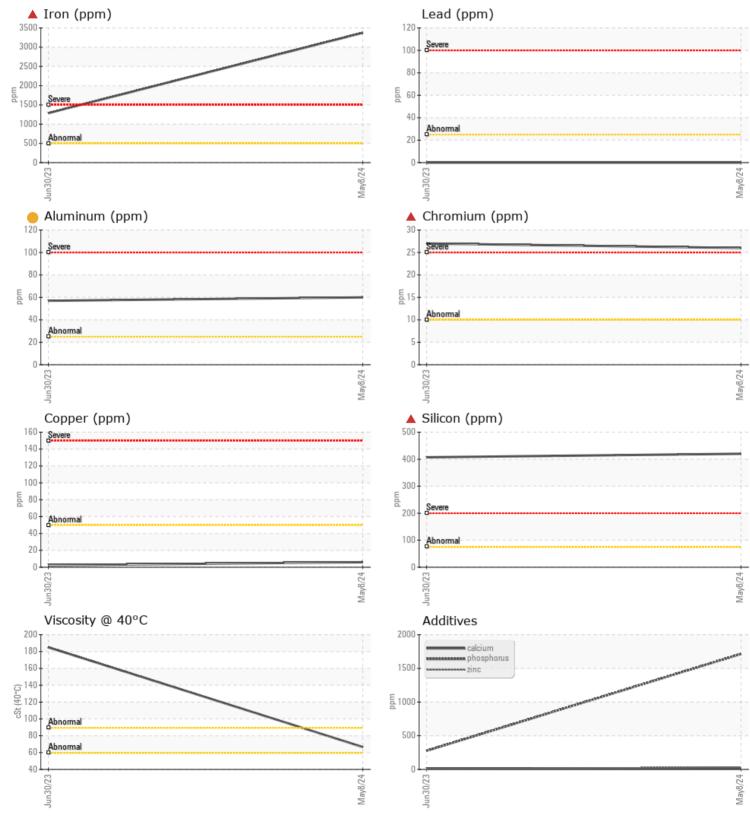
ppm

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO3387 [WUSCAR] 06179152 (Generated: 05/16/2024 15:17:31) Rev: 1

Contact/Location: MATT MITCHAM - VOLVO3387