CONSTRUCTION EQUIPMENT SW35271 VOLVO EC750E 314074 - FRONT RIGHT FINAL DRIVE

 Sample No:
 VCP454018

 Oil Type:
 VOLVO PREMIUM GEAR OIL 85W-140 GL-5

 Job No:
 SW35271

VOLVO

Boron

VOLVO				
SAMPLE	INFORMATION			
Sample Number		VCP454018	 	 -
Sample Date		23 May 2024	 	 ARNOLD MACHINERY COMPANY
Machine Hours		3565	 	 4323 EAST WINSLOW AVENUE
Oil Hours		3565	 	 PHOENIX, AZ
Oil Changed		Changed	 	 US 85040
Sample Status		SEVERE	 	 Contact: KEITH FELL
				kfell@arnoldmachinery.com
OIL CON				T: (602)414-1900
			 	 F: (602)414-1904
Visc @ 40°C	cSt	444	 	
VOLVO				Diagnosis
CONTAN	AINATION			We advise that you check all areas
Water	%	NEG	 	 where dirt can enter the system. The
Silicon	ppm	4 1434	 	 oil change at the time of sampling
Sodium	ppm	23	 	 has been noted. We advise that you
Potassium	ppm	82	 	 inspect for the source(s) of wear. We
				recommend an early resample to
WEAR N	AFTAIS			monitor this condition.High concentration of visible metal
				present. Gear wear is indicated.
Iron	ppm	3159	 	 Elemental levels of silicon (Si) and
Copper	ppm	7	 	 aluminum (Al) indicate alumina-
Lead	ppm	0	 	 silicate (coarse dirt) ingress. The oil is
Tin	ppm	■<1	 	 no longer serviceable due to the
Aluminum	ppm	242 19	 	 presence of contaminants.
Chromium	ppm		 	
Molybdenum Nickel	ppm	2		
Titanium	ppm	16	 	
Silver	ppm ppm	1	 	
Manganese	ppm	24	 	
Vanadium	ppm	1	 	
Vanadiditi	ppin			
VOLVO				
ADDITIV	/ES			
Calcium	ppm	339	 	
Magnesium	ppm	54	 	
Zinc	ppm	5	 	
Phosphorus	ppm	1013	 	
Barium	ppm	2	 	
-				

Contact/Location: KEITH FELL - VOLVO6174

VOLVO6174

Don Baldridge

04 Jun 2024

11059184

Depot:

Signed:

Unique No:

Report Date:

161

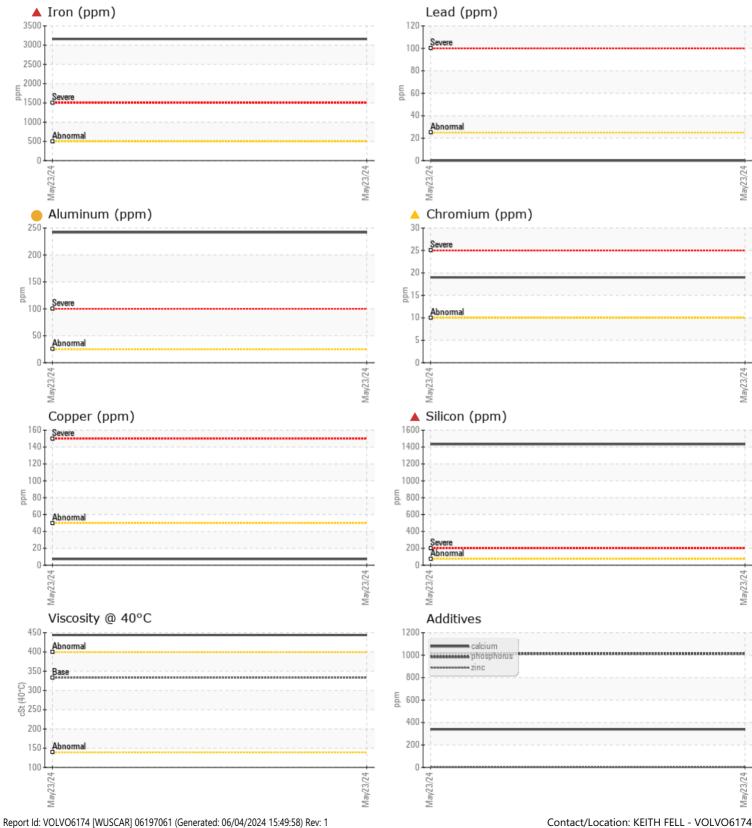
ppm

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Page 2 of 2