

CONSTRUCTION EQUIPMENT SW-20706-2 CMC VOLV0L180H 5503 - BEARING



 Sample No:
 VCP403270

 Oil Type:
 VOLVO WB 102

 Job No:
 SW-20706-2 CMC

Phosphorus

Barium

Boron

ppm

ppm

ppm

SAMPLI	E INFORMATION			
Sample Number		VCP403270	 	
Sample Date		28 Jun 2023	 	
Machine Hours		3902	 	
Oil Hours		3902	 	
Oil Changed		Changed	 	
Sample Status		SEVERE	 	
CONTAI	MINATION			
Silicon	ppm	• 1421	 	
Sodium	ppm	53	 	
Potassium	ppm	118	 	
WEAR N	METALS			
Iron	ppm	• 7299	 	
Copper	ppm	6	 	
Lead	ppm	8	 	
Tin	ppm	2	 	
Aluminum	ppm	🔺 215	 	
Chromium	ppm	4	 	
Molybdenum	ppm	1	 	
Nickel	ppm	2	 	
Titanium	ppm	1 3	 	
Silver	ppm	0	 	
Manganese	ppm	34	 	
Vanadium	ppm	1	 	
VOLVO				
ADDITIN	VES			
Calcium	ppm	3937	 	
Magnesium	ppm	118	 	
Zinc	ppm	1792	 	



ARNOLD MACHINERY COMPANY

2975 WEST 2100 SOUTH SALT LAKE CITY, UT US 84119 Contact: TONY PAYAN tpayan@arnoldmachinery.com T: (801)972-4000 F: (801)975-9434

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. Please note that the oil was too thick to perform some of the normal laboratory tests.Gear wear is indicated. Elemental levels of silicon (Si) and aluminum (Al) indicate aluminasilicate (coarse dirt) ingress. There is a moderate amount of visible silt present in the sample. The oil is no longer serviceable due to the presence of contaminants.

Depot:	VOLVO8770		
Unique No:	10547479		
Signed:	Jonathan Hester		
Report Date:	11 Jul 2023		

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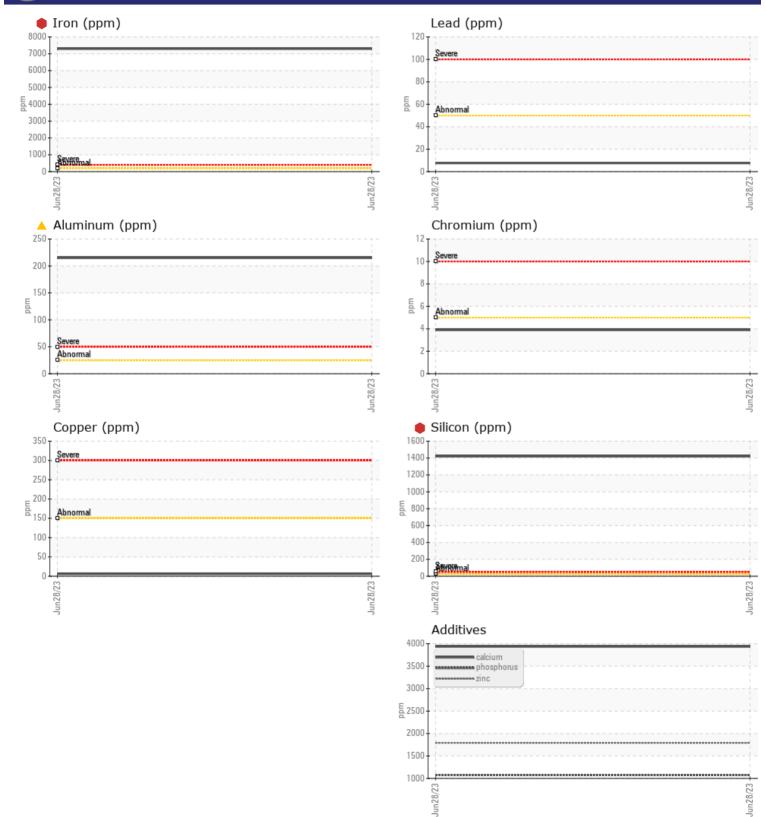
Contact/Location: TONY PAYAN - VOLVO8770

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Contact/Location: TONY PAYAN - VOLVO8770