CONSTRUCTION EQUIPMENT 3605 TITAN VOLVO L1 10E 60380 - DIESEL ENGINE



Sample No:VCP327021Oil Type:NOT GIVENJob No:3605 TITAN

VOLVO

SAMPLE I	NFORMATION			
Sample Number	-	VCP327021	 	
Sample Date		19 Jul 2023	 	
Machine Hours		9029	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		NORMAL	 	
VOLVO				
OIL CONDI	TION			
Visc @ 100°C	cSt	13.3	 	
Base Number (BN)	mg KOH/g	9.8	 	
Oxidation (PA)	%	57	 	
CONTAMI	NATION			
Soot %	%	0.1	 	
Nitration (PA)	%	53	 	
Sulfation (PA)	%	53	 	
Glycol	%	NEG	 	
Fuel	%	2.0	 	
Silicon	ppm	8	 	
Sodium	ppm	<b>1</b>	 	
Potassium	ppm	<b>1</b>	 	
VOLVO			 	
WEAR ME	TALS			
Iron	ppm	4	 	
Copper	ppm	0	 	

WEAR N	METALS			
Iron	ppm	4	 	
Copper	ppm	0	 	
Lead	ppm	0	 	
Tin	ppm		 	
Aluminum	ppm	2	 	
Chromium	ppm	<b></b> <1	 	
Molybdenum	ppm	237	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	<1	 	
Vanadium	ppm	<1	 	

Vanadium

ADDITIVES							
Calcium	ppm	<b>1451</b>					
Magnesium	ppm	852					
Zinc	ppm	<b>1114</b>					
Phosphorus	ppm	905					
Barium	ppm	0					
Boron	ppm	304					



MCCLUNG-LOGAN EQUIPMENT CO

160 KENTMERE COURT WINCHESTER, VA US 22603 Contact: JENNIFER MATIAS jmatias@mcclung-logan.com T: (540)722-3700 F: (540)722-4441

## Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.All component wear rates are normal. Light fuel dilution occurring. No other contaminants were detected in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

 Depot:
 VOLVO4589

 Unique No:
 10564921

 Signed:
 Wes Davis

 Report Date:
 21 Jul 2023

Report Id: VOLVO4589 [WUSCAR] 05903565 (Generated: 07/21/2023 17:42:35) Rev: 1

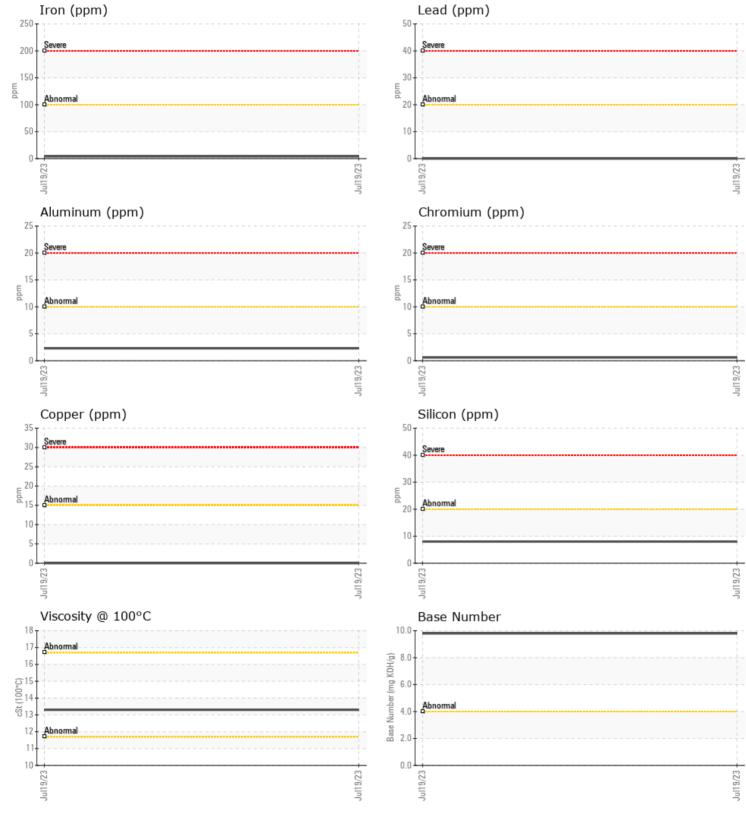
Contact/Location: JENNIFER MATIAS - VOLVO4589

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



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Contact/Location: JENNIFER MATIAS - VOLVO4589