CONSTRUCTION EQUIPMENT 9327 TOLSON VOLVO A30G 753127 - DIESEL ENGINE



 Sample No:
 VCP404402

 Oil Type:
 CHEVRON 15W40

 Job No:
 9327 TOLSON

VOLVO

SAMPLE INFORMATION

Sample Number	-	VCP404402	VCP407893	
Sample Date		24 Jul 2023	01 Jun 2023	
Machine Hours		519	272	
Oil Hours		0	0	
Oil Changed		Changed	Changed	
Sample Status		NORMAL	ABNORMAL	
OIL CONDI	TION			
Visc @ 100°C	cSt	12.7	1 1.0	
Base Number (BN)	mg KOH/g	8.1	6.8	
Oxidation (PA)	%	60	59	
VOLVO				
CONTAMIN	NATION			
Soot %	%	0.1	0.1	
Nitration (PA)	%	53	69	
Sulfation (PA)	%	58	52	
Glycol	%	NEG	NEG	
Fuel	%	<1.0	0.5	
Silicon	ppm	10	4 0	
Sodium	ppm	0	2	
Potassium	ppm	2	5	



PLEASANT EXCAVATING COMPANY INC

24024 FREDERICK ROAD CLARKSBURG, MD US 20871 Contact: H TRENT HTRENT@PLEASANTS.ORG T: (301)252-5635 F:

Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination 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.

WEAR N	METALS			
Iron	ppm	8	17	
Copper	ppm	37	44	
Lead	ppm	 <1	2	
Tin	ppm	 <1	2	
Aluminum	ppm	1	3	
Chromium	ppm	0	<1	
Molybdenum	ppm	131	81	
Nickel	ppm	 <1	1	
Titanium	ppm	<1	0	
Silver	ppm	∎1	1	
Manganese	ppm	■ <1	3	
Vanadium	ppm	0	<1	

Variaulu

Zavitida						
Calcium	ppm	2033	2282			
Magnesium	ppm	458	18			
Zinc	ppm	1661	1273			
Phosphorus	ppm	1501	1055			
Barium	ppm	3	0			
Boron	ppm	618	63			

 Depot:
 PLECLA

 Unique No:
 10586152

 Signed:
 Jonathan Hester

 Report Date:
 04 Aug 2023

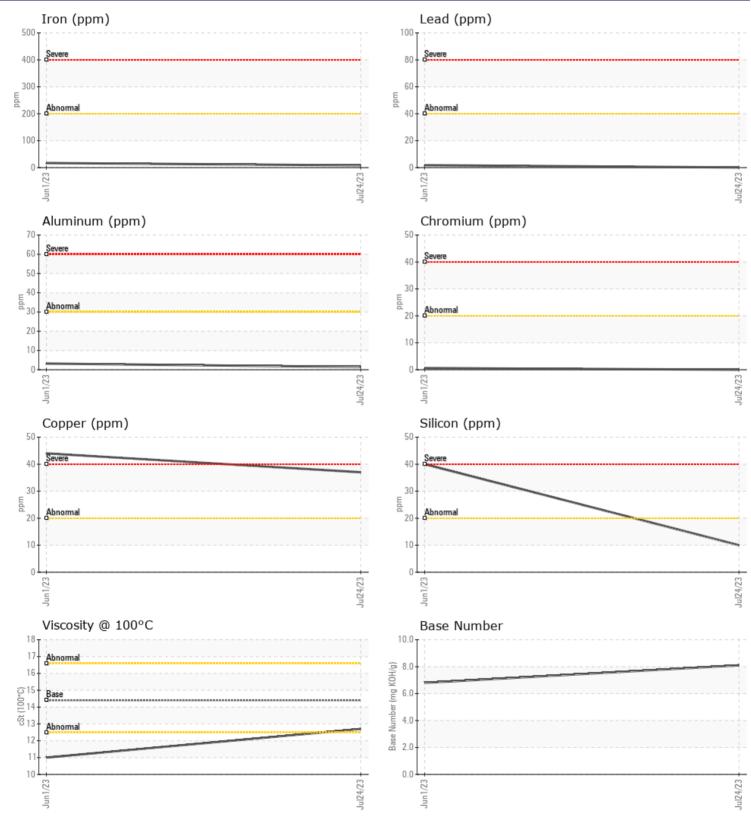
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CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: H TRENT - PLECLA