CONSTRUCTION EQUIPMENT SW 1028030 TRIUMVIRAT VOLVO ECR235E 3 15909 - DIESELENG

Sample No: VCP437339

ZOTAZ

Oil Type: DIESEL ENGINE OIL SAE 15W40 Job No: SW1028030 TRIUMVIRAT



SAMPLE II	NFORMATION			
Sample Number	-	VCP437339	 	
Sample Date		05 Jan 2024	 	
Machine Hours		532	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL CONDI	TION			
Visc @ 100°C	cSt	13.2	 	
Base Number (BN)	mg KOH/g	6.0	 	
Oxidation (PA)	%	45	 	
CONTAMI	NATION			
Water	%	NEG	 	

Soot %	%	0.1	 	
Nitration (PA)	%	55	 	
Sulfation (PA)	%	50	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	17	 	
Sodium	ppm	3	 	
Potassium	ppm	2	 	

WEAR METALS

WEAR I	METALS			
Iron	ppm	1 4	 	
Copper	ppm	7	 	
Lead	ppm	 <1	 	
Tin	ppm	2	 	
Aluminum	ppm	2	 	
Chromium	ppm	■ <1	 	
Molybdenum	ppm	2	 	
Nickel	ppm	9	 	
Titanium	ppm	 <1	 	
Silver	ppm	0	 	
Manganese	ppm	4	 	
Vanadium	ppm	<1	 	

ADDITIVES					
Calcium	ppm	2158			
Magnesium	ppm	70			
Zinc	ppm	1108			
Phosphorus	ppm	976			
Barium	ppm	1			
Boron	ppm	2			



ARNOLD MACHINERY COMPANY

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Diagnosis

Resample at the next service interval to monitor.Metal levels are typical for a new component breaking in. 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.

 Depot:
 VOLVO6174

 Unique No:
 10836667

 Signed:
 Wes Davis

 Report Date:
 20 Jan 2024

Report Id: VOLVO6174 [WUSCAR] 06065285 (Generated: 01/20/2024 04:35:08) Rev: 1

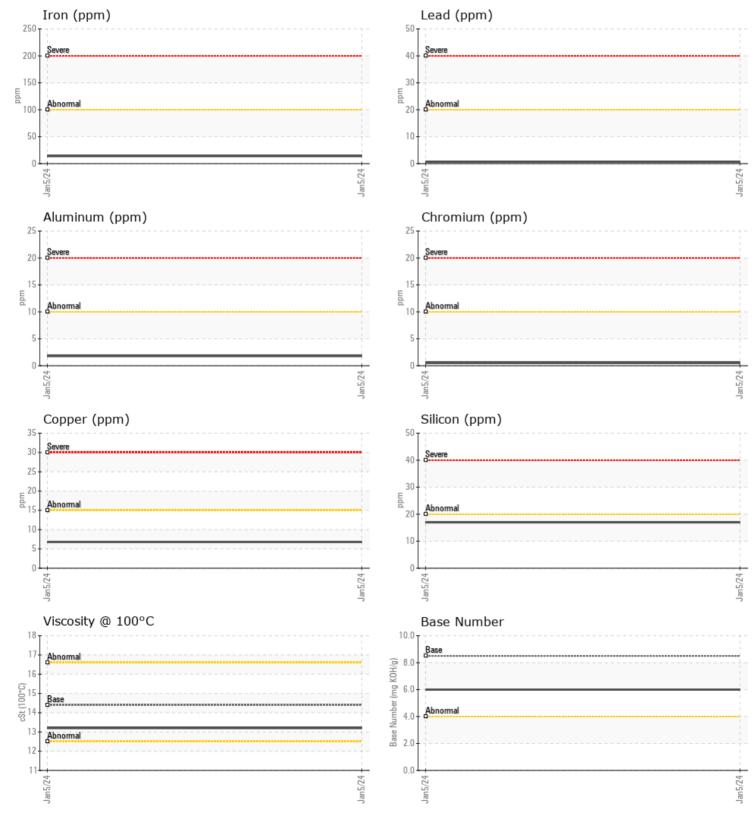
Contact/Location: RANDY PRZEKURAT - VOLVO6174

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO6174 [WUSCAR] 06065285 (Generated: 01/20/2024 04:35:11) Rev: 1

Contact/Location: RANDY PRZEKURAT - VOLVO6174