SW0-068517 EPIROC D60-10 TMG23SED0506 - DIESEL ENGINE

Sample No:	VCP447602
Oil Type:	DIESEL ENGINE OIL SAE 40
Job No:	SWO-068517

## SAMPLE INFORMATION

VOLVO

Sample Number	-	VCP447602						
Sample Date		27 Dec 2023						
Machine Hours		263						
Oil Hours		0						
Oil Changed		Changed						
Sample Status		NORMAL						
OIL CONDITION								
Visc @ 100°C	cSt	<b>13.1</b>						
Base Number (BN)	mg KOH/g	7.2						
Oxidation (PA)	%	80						
CONTAMINATION								
Water	%	NEG						
Soot %	%	<b>0.1</b>						
Nitration (PA)	%	62						
Sulfation (PA)	%	59						
Glycol	%	NEG						
Fuel	%	<1.0						



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### Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 40. Please confirm.

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.

## WEAR ME

ppm

ppm

ppm

12

3

2

Silicon

Sodium

Potassium

WEAR I	METALS			
Iron	ppm	5	 	
Copper	ppm	<b>156</b>	 	
Lead	ppm	3	 	
Tin	ppm	<b>1</b>	 	
Aluminum	ppm	3	 	
Chromium	ppm		 	
Molybdenum	ppm	76	 	
Nickel	ppm		 	
Titanium	ppm	0	 	
Silver	ppm		 	
Manganese	ppm	<b>1</b>	 	
Vanadium	ppm	<1	 	

#### **ADDITIVES** 2040 Calcium ppm Magnesium 65 ppm Zinc ppm 1178 967 Phosphorus ppm Barium ppm 0 🔲 64 Boron ppm

 Depot:
 WHIGUN

 Unique No:
 10809264

 Signed:
 Wes Davis

 Report Date:
 03 Jan 2024

Report Id: WHIGUN [WUSCAR] 06048656 (Generated: 01/03/2024 10:57:41) Rev: 1

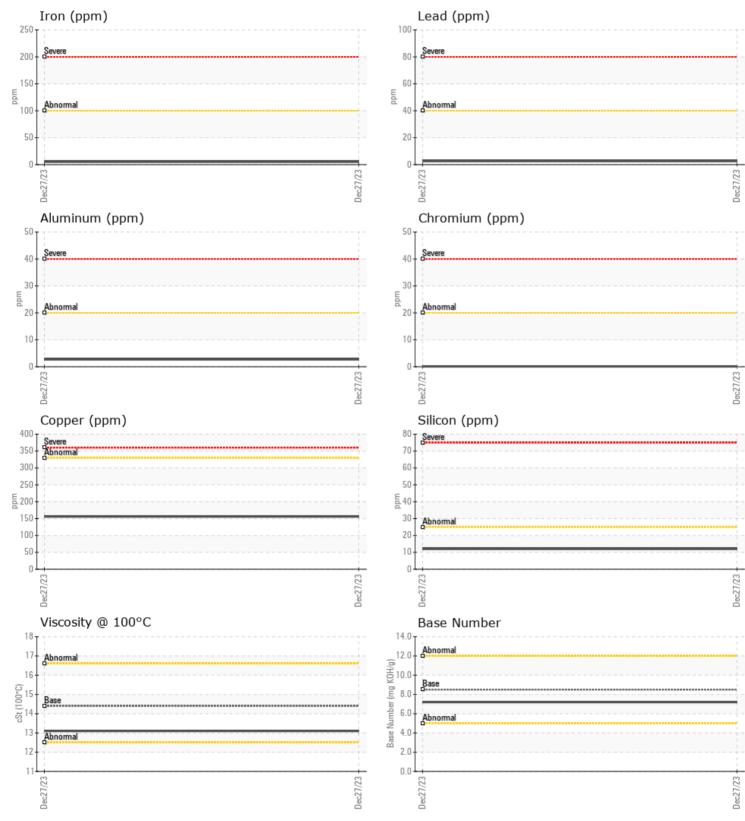
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# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



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