CONSTRUCTION EQUIPMENT MARTIN MARIETTA VOLVO A45G 342066 - DIESEL ENGINE

Sample No: VCP423977 **Oil Type:** CHEVRON 15W40 Job No: MARTIN MARIETTA

VOLVO

SAMPLE	INFORMATION			
Sample Number	-	VCP423977	 	
Sample Date		28 Aug 2023	 	
Machine Hours		0	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL CON	DITION		 	
Visc @ 100°C	cSt	12.4	 	
Base Number (BN	l) mg KOH/g	8.4	 	
Oxidation (PA)	%	63	 	
CONTAM	INATION			
Soot %	%	0.2	 	
Nitration (PA)	%	57	 	
Sulfation (PA)	%	61	 	
Glycol	%	NEG	 	
Fuel	%	0.5	 	
Silicon	ppm	5	 	
Sodium	ppm	2	 	

Potassium

ppm

0

WEAR N	METALS			
Iron	ppm	4	 	
Copper	ppm	2	 	
Lead	ppm	 <1	 	
Tin	ppm	 <1	 	
Aluminum	ppm	2	 	
Chromium	ppm	 <1	 	
Molybdenum	ppm	119	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	 <1	 	
Vanadium	ppm	0	 	

ADDITIVES Calcium ppm 1513 Magnesium 658 ppm 853 Zinc ppm Phosphorus ppm 707 Barium 0 ppm Boron 284 ppm



ROMCO INC - AUSTIN BRANCH

1150 WEST OLD SETTLERS BOULEVARD ROUNDROCK, TX US 78681 Contact: ED MAYES EMAYES@ROMCO.COM T: (737)204-9402 F: (512)388-2673

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor.All component wear rates are normal. Fuel content negligible. 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: VOLVO0088 Unique No: 10669350 Signed: Wes Davis Report Date: 29 Sep 2023

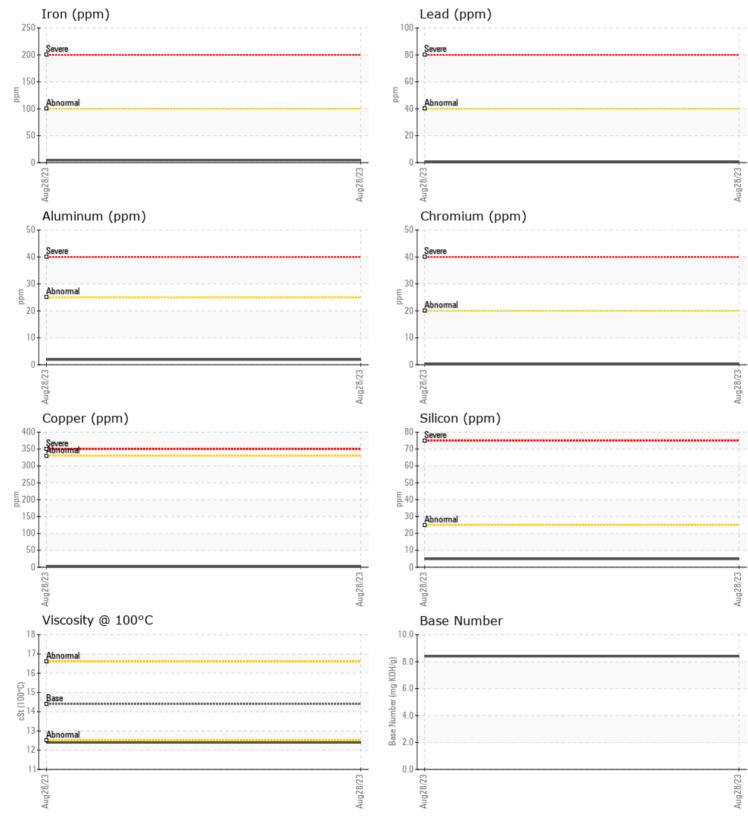
Contact/Location: ED MAYES - VOLVO0088

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO0088 [WUSCAR] 05962799 (Generated: 09/29/2023 08:51:50) Rev: 1

Contact/Location: ED MAYES - VOLVO0088