CONSTRUCTION EQUIPMENT 607995 DIPRO POLARIS RANGOR 34243 - DIESEL ENGINE

 Sample No:
 VCP431911

 Oil Type:
 MOBIL DELVAC 1 5W40

 Job No:
 607995 DIPRO

VOLVO

SAMPLE INFORMATION Sample Number VCP431911 Sample Date 09 Oct 2023 Machine Hours 995 Oil Hours 995 Oil Changed Changed NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 12.2 Base Number (BN) mg KOH/g 7.4 Oxidation (PA) 73 % CONTAMINATION % 0.2 Soot %

Nitration (PA)	%	87	 	
Sulfation (PA)	%	56	 	
Glycol	%	NEG	 	
Fuel	%	1.6	 	
Silicon	ppm	11	 	
Sodium	ppm	3	 	
Potassium	ppm	2	 	

WEAD

WEAR N	METALS			
Iron	ppm	51	 	
Copper	ppm	9	 	
Lead	ppm	□<1	 	
Tin	ppm		 	
Aluminum	ppm	5	 	
Chromium	ppm	7	 	
Molybdenum	ppm	62	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	2	 	
Vanadium	ppm	0	 	

Variadia

ADDITIVES							
Calcium	ppm	1465					
Magnesium	ppm	885					
Zinc	ppm	1138					
Phosphorus	ppm	998					
Barium	ppm	4					
Boron	ppm	3					



ALTA EQUIPMENT COMPANY - METRO WEST

56195 PONTIAC TRAIL NEW HUDSON, MI US 48165 Contact: PAUL CONZ paul.conz@altg.com T: (313)348-8861 F: (248)356-2029

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. No other corrective action is recommended at this time.Metal levels are typical for a components first oil change. 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:
 VOLVO2990

 Unique No:
 10729733

 Signed:
 Wes Davis

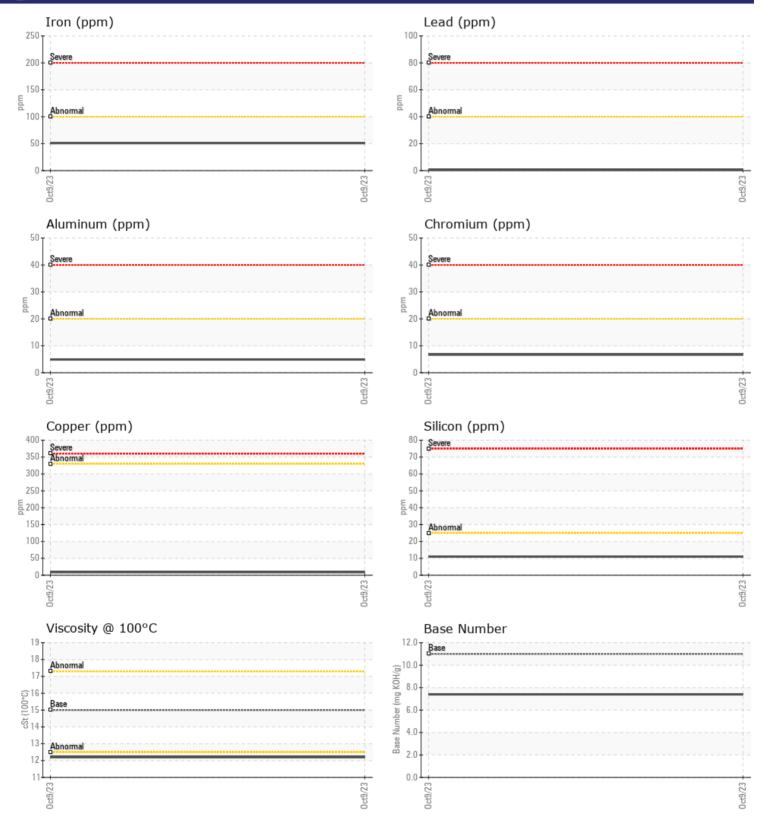
 Report Date:
 09 Nov 2023

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Contact/Location: PAUL CONZ - VOLVO2990