

CONSTRUCTION EQUIPMENT CATERPILLAR 6YM01213 - DIESEL ENGINE



Sample No: VCP365892

Oil Type:	
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MOBIL DELVAC 1300 SUPER15W40

Job No:

Molybdenum

Nickel

Silver

Titanium

Manganese

Vanadium

Calcium

Zinc

Barium

Boron

Magnesium

Phosphorus

ppm

ADDITIVES

	INFORMATION		 	
Sample Number	-	VCP365892	 	
Sample Date		31 May 2023	 	
Machine Hours		9147	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		ABNORMAL	 	
OIL COND	ITION			
Visc @ 100°C	cSt	▲ 12.3	 	
Base Number (BN)) mg KOH/g	9.2	 	
Oxidation (PA)	%	59	 	
CONTAM	INATION			
Soot %	%	0.3	 	
Nitration (PA)	%	83	 	
Sulfation (PA)	%	50	 	
Glycol	%	NEG	 	
Fuel	%	6 5.0	 	
Silicon	ppm	5	 	
Sodium	ppm	2	 	
Potassium	ppm	■ <1	 	
WEAR M	ETALS			
Iron	ppm	1 2	 	
Copper	ppm	∎1	 	
Lead	ppm	0	 	
Tin	ppm	□ <1	 	
Aluminum	ppm	3	 	
Chromium	ppm	3	 	



PLEASANT RIVER LUMBER

PO BOX 68 DOVER FOXCROFT, ME US 04426 Contact: NICK BUSHWAY nbushway@pleasantriverlumber.com T: (207)564-8520 F: (207)564-8259

Diagnosis

The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition.All component wear rates are normal. There is a moderate amount of fuel present in the oil. Tests confirm the presence of fuel in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. Fuel is present in the oil and is lowering the viscosity. The oil is no longer serviceable due to the presence of contaminants.

Depot:	PLEDOV
Unique No:	10631754
Signed:	Wes Davis
Report Date:	05 Sep 2023

Report Id: PLEDOV [WUSCAR] 05941142 (Generated: 09/05/2023 16:47:36) Rev: 1

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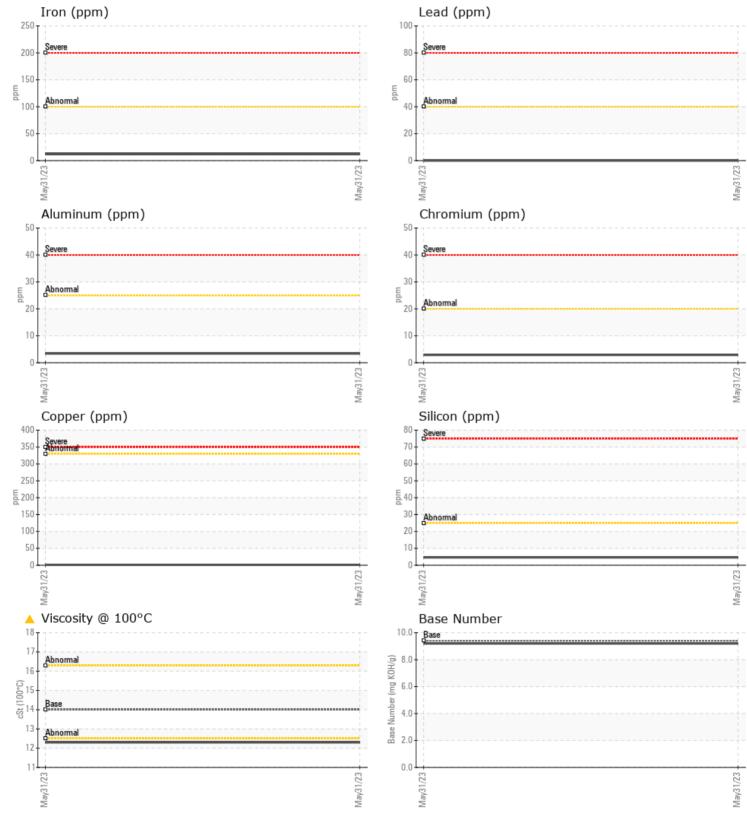
Contact/Location: NICK BUSHWAY - PLEDOV

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: PLEDOV [WUSCAR] 05941142 (Generated: 09/05/2023 16:47:38) Rev: 1

Contact/Location: NICK BUSHWAY - PLEDOV