

## **CONSTRUCTION EQUIPMENT** HYUNDAI 22356459 - DIESEL ENGINE



Sample No: VCP425528 PETRO CANADA 10W30

**Oil Type:** 

Job No:

	FORMATION			
Sample Number		VCP425528	VCP425539	 
Sample Date		11 Jul 2024	21 Jan 2024	 
Machine Hours		2593	1655	 
Oil Hours		300	300	 
Oil Changed		Changed	Changed	 
Sample Status		NORMAL	NORMAL	 
OIL CONDI	TION			
Visc @ 100°C	cSt	11.0	11.1	 
Base Number (BN)		8.2	8.5	 
Oxidation (PA)	%	65	58	 
	70	05	50	
VOLVO				
Contamin	ATION			
Water	%	NEG	NEG	 
Soot %	%	0.2	0.1	 
Nitration (PA)	%	58	55	 
Sulfation (PA)	%	53	50	 
Glycol	%	NEG	NEG	 
Fuel	%	<1.0	< 1.0	 
Silicon	ppm	6	8	 
Sodium	ppm	<b>1</b>	1	 
Potassium	ppm	0	< 1	 
WEAR ME	ΤΔΙ ς			
<u> </u>	-	- 10	- 10	
ron	ppm	<b>1</b> 0	12	 
Copper	ppm		3	 
Lead	ppm	0	0	 
Tin	ppm	0	□ <1	 
Aluminum	ppm	<b>1</b>	2	 
Chromium	ppm	0	<b></b> <1	 
Molybdenum	ppm	59	54	 
Nickel	ppm	■0	0	 
Fitanium	ppm	0	0	 
Silver	ppm		0	 
Manganese	ppm	<b>■</b> <1	□ <1	 
/anadium	ppm	0	0	 
	7			
		1000	<b>1</b> 020	
Calcium	ppm	1098	1038	 
Magnesium	ppm	<b>1013</b>	918	 
Zinc	ppm	1283	1162	 
Phosphorus	ppm	<b>1086</b>	1009	 
Barium	ppm	0	0	 
Boron	ppm	<b>1</b>	4	 



## WOODBED CORP dba DELULLO TRUCKING

1022 DELAUM RD ST MARYS, PA US 15857 Contact: CRYSTAL WILLIAMS crystal@woodbed.com T: (814)834-1464 F: (814)834-9588

## Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. 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: WOOSTM Unique No: 11124256 Signed: Wes Davis Report Date: 15 Jul 2024

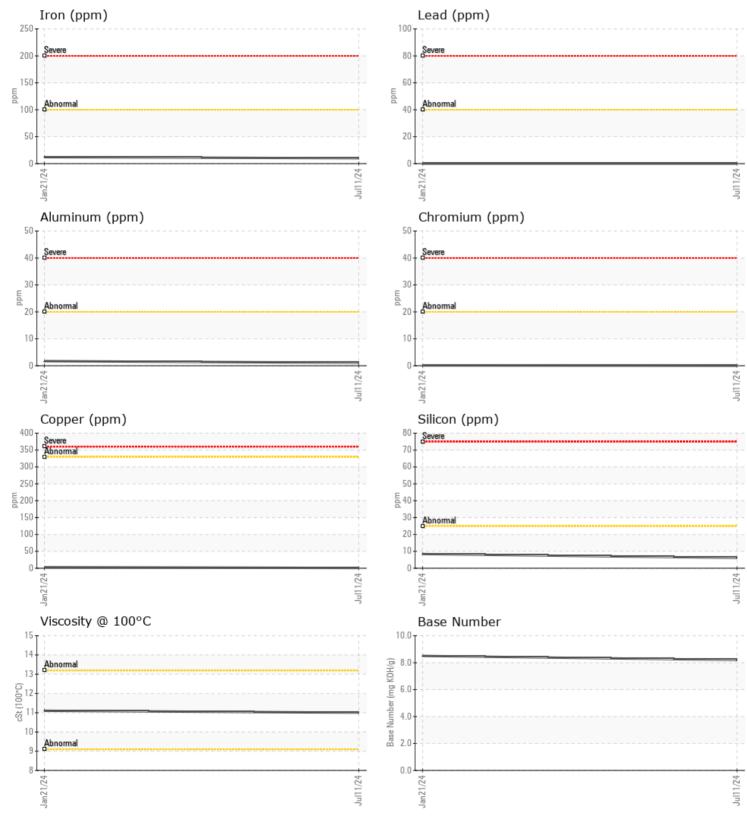
Contact/Location: CRYSTAL WILLIAMS - WOOSTM

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: WOOSTM [WUSCAR] 06235422 (Generated: 07/15/2024 15:34:20) Rev: 1

Contact/Location: CRYSTAL WILLIAMS - WOOSTM