

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	1	1	
Potassium	ppm	0	< 1	
WEAR ME	ΤΔΙ ς			
<u> </u>	-	- 10	- 10	
ron	ppm	1 0	12	
Copper	ppm		3	
Lead	ppm	0	0	
Tin	ppm	0	□ <1	
Aluminum	ppm	1	2	
Chromium	ppm	0	 <1	
Molybdenum	ppm	59	54	
Nickel	ppm	■0	0	
Fitanium	ppm	0	0	
Silver	ppm		0	
Manganese	ppm	■ <1	□ <1	
/anadium	ppm	0	0	
	7			
		1000	1 020	
Calcium	ppm	1098	1038	
Magnesium	ppm	1013	918	
Zinc	ppm	1283	1162	
Phosphorus	ppm	1086	1009	
Barium	ppm	0	0	
Boron	ppm	1	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

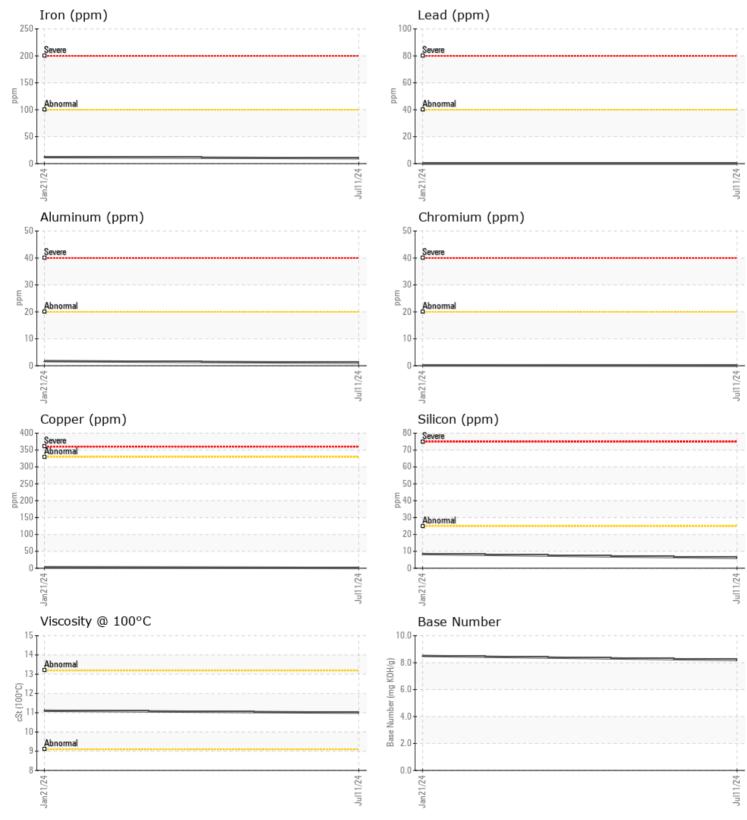
Contact/Location: CRYSTAL WILLIAMS - WOOSTM

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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

Contact/Location: CRYSTAL WILLIAMS - WOOSTM