CONSTRUCTION EQUIPMENT HERC VOLVOL110H 632557 - DIESEL ENGINE



Sample No: VCP432040

VOLVO

Oil Type:	DIESEL ENGINE OIL SAE 15W40
Job No:	HERC

505 110

SAMPLE INFORMATION VCP432040 Sample Number VCP428845 Sample Date 28 Dec 2023 06 Dec 2023 Machine Hours 1206 1101 Oil Hours 0 0 Oil Changed N/A N/A NORMAL Sample Status ABNORMAL **OIL CONDITION** Visc @ 100°C cSt 13.2 12.8 8.2 Base Number (BN) mg KOH/g 10.0 Oxidation (PA) 69 62 % CONTAMINATION NEG Water % NEG % Soot % 0.1 0.2 Nitration (PA) % 43 58 % 57 57 Sulfation (PA) Glycol % NEG NEG Fuel % < 1.0 <1.0 6 Silicon ppm **4** Sodium ppm 1 1 Potassium ppm ■ <1 1

WEAR N	METALS			
Iron	ppm	1	11	
Copper	ppm	1	6	
Lead	ppm	 <1	 <1	
Tin	ppm	0	1	
Aluminum	ppm	2	 11	
Chromium	ppm	0	<1	
Molybdenum	ppm	43	72	
Nickel	ppm	0	0	
Titanium	ppm	0	0	
Silver	ppm	0	0	
Manganese	ppm	0	0	
Vanadium	ppm	0	0	

ADDITI	VES			
Calcium	ppm	1500	1349	
Magnesium	ppm	513	448	
Zinc	ppm	1140	1222	
Phosphorus	ppm	879	924	
Barium	ppm	0	< 1	
Boron	ppm	86	281	



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC 8418 PALM RIVER ROAD TAMPA, FL US 33619 Contact: KENNY HANEY

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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:
 VOLVO0093

 Unique No:
 10823692

 Signed:
 Wes Davis

 Report Date:
 12 Jan 2024

Report Id: VOLVO0093 [WUSCAR] 06057743 (Generated: 01/12/2024 11:39:37) Rev: 1

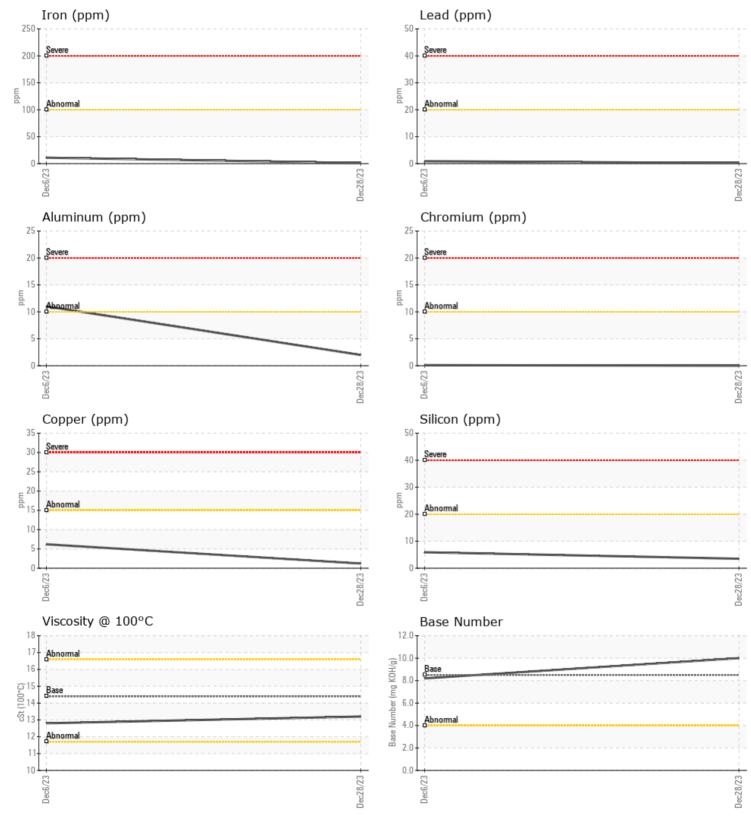
Contact/Location: KENNY HANEY - VOLVO0093

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Contact/Location: KENNY HANEY - VOLVO0093