CONSTRUCTION EQUIPMENT GENERAL RV VOLVO L20H 1220370 - FRONT AXLE



Sample No: VCP425803

VOLVO

Oil Type:	VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No:	GENERAL RV

SAMPLE INFORMATION VCP425803 Sample Number VCP388339 Sample Date 17 Jul 2023 22 Dec 2022 Machine Hours 1483 2297 Oil Hours 0 500 Oil Changed Not Changd Not Changd NORMAL NORMAL Sample Status **OIL CONDITION** Visc @ 40°C cSt 160 129 CONTAMINATION Silicon ppm 7 11 Sodium 0 9 ppm Potassium 3 <1 ppm .

VOLVO							
WEAR METALS							
Iron	ppm	239	249				
Copper	ppm	□ <1	2				
Lead	ppm	0					
Tin	ppm	0	<1				
Aluminum	ppm	∎1	< 1				
Chromium	ppm	3	4				
Molybdenum	ppm	6	5				
Nickel	ppm		 <1				
Titanium	ppm	0	0				
Silver	ppm	0	0				
Manganese	ppm	10	10				
Vanadium	ppm	0	0				

ADDITIVES Calcium 1289 1809 ppm Magnesium **40** 35 ppm 742 Zinc ppm 573 Phosphorus **1060** 1046 ppm Barium 2 0 ppm Boron ppm 164 149



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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 condition of the oil is acceptable for the time in service.

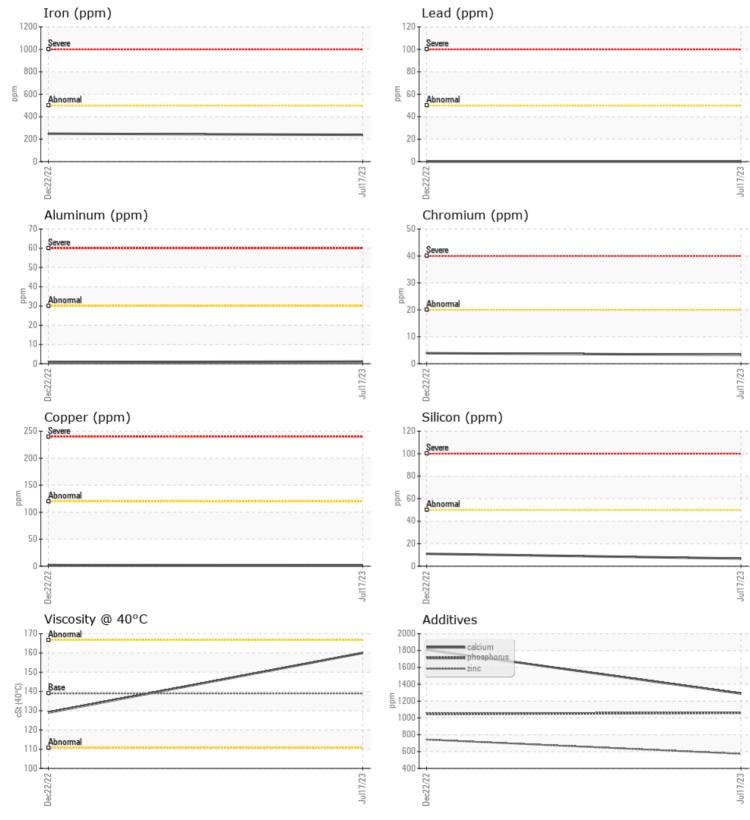
Depot:VOLVO0093Unique No:10607525Signed:Don BaldridgeReport Date:18 Aug 2023

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO0093 [WUSCAR] 05927578 (Generated: 08/18/2023 17:57:29) Rev: 1

Contact/Location: JOHN FARDELLA - VOLVO0093