CONSTRUCTION EQUIPMENT 405708 CATERPILLAR 299C 908593 - REAR RIGHT FINAL DRIVE

 Sample No:
 VCP352621

 Oil Type:
 CATERPILLAR GO 75W140

 Job No:
 405708

VOLVO

SAMPLE INFORMATION VCP352621 Sample Number Sample Date 23 May 2024 Machine Hours 490 Oil Hours 490 Oil Changed Changed NORMAL Sample Status **OIL CONDITION** Visc @ 40°C cSt 181 cSt Visc @ 100°C 21.7 Viscosity Index (VI) Scale 143 CONTAMINATION

Water	%	NEG	 	
Silicon	ppm	19	 	
Sodium	ppm	1 4	 	
Potassium	ppm	8	 	

WEAR METALS Iron ppm 552 Copper ppm 15 Lead ppm <1 Tin ppm 0 Aluminum ppm 6 Chromium ppm 0 Molybdenum ppm 0 Nickel ppm <1 Nickel ppm <1 Silver ppm 0 Manganese ppm 11	VOLVO				
Copper ppm 15 Lead ppm <1 Tin ppm 0 Aluminum ppm 6 Chromium ppm 8 Molybdenum ppm 0 Nickel ppm <1 Silver ppm 0 Maganese ppm 1	WEAR M	METALS			
Lead ppm <1	Iron	ppm	552	 	
Tin ppm 0 Aluminum ppm 6 Chromium ppm 8 Molybdenum ppm 0 Nickel ppm <1	Copper	ppm	15	 	
Aluminum ppm 6 Chromium ppm 8 Molybdenum ppm 0 Nickel ppm <1	Lead	ppm	□<1	 	
Chromiumppm8Molybdenumppm0Nickelppm<1	Tin	ppm	0	 	
Molybdenumppm0Nickelppm<1Titaniumppm<1Silverppm0Manganeseppm11	Aluminum	ppm	6	 	
Nickel ppm <1 Titanium ppm <1	Chromium	ppm	8	 	
Titanium ppm <1 Silver ppm 0 Manganese ppm 11	Molybdenum	ppm	0	 	
Silver ppm 0 Manganese ppm 11	Nickel	ppm		 	
Manganese ppm 11	Titanium	ppm	 <1	 	
	Silver	ppm	0	 	
Vanadium ppm 0	Manganese	ppm	11	 	
	Vanadium	ppm	0	 	



ADDITI	VES			
Calcium	ppm	1 8	 	
Magnesium	ppm	2	 	
Zinc	ppm	70	 	
Phosphorus	ppm	1200	 	
Barium	ppm	24	 	
Boron	ppm	140	 	



STRONGCO EQUIPMENT-EDMONTON

25616 117 Ave NW Acheson, AB CA T7X 6C2 Contact: Jonathan Morton jmorton@strongco.com T: (780)464-1909 F: (780)464-0434

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:
 VOLVO3908

 Unique No:
 5798553

 Signed:
 Wes Davis

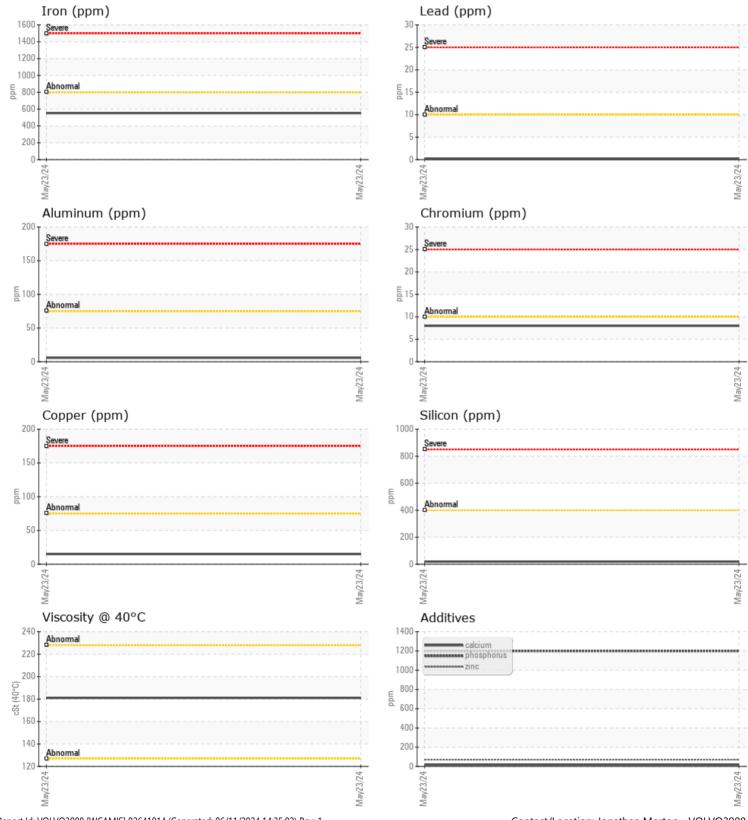
 Report Date:
 11 Jun 2024

CONSTRUCTION EQUIPMENT



GRAPHS

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Report Id: VOLVO3908 [WCAMIS] 02641014 (Generated: 06/11/2024 14:35:02) Rev: 1

Contact/Location: Jonathan Morton - VOLVO3908