CONSTRUCTION EQUIPMENT SW1029240-1 VOLVO ECR355EL 314589 - SWING DRIVE

Sample No:	VCP438074
Oil Type:	GEAR OIL SAE 80W90
Job No:	SW1029240-1

VOLVO

SAMPLE INFORMATION VCP438074 Sample Number Sample Date 29 Jan 2024 Machine Hours 1045 Oil Hours 0 Oil Changed Changed NORMAL Sample Status **OIL CONDITION** Visc @ 40°C cSt 168 CONTAMINATION Water % NEG Silicon 11 ppm Sodium 0 🔲 ppm Potassium ppm 1 WEAR METALS 91 Iron ppm 22 Copper ppm Lead ppm **||** <1

Tin	ppm		 	
Aluminum	ppm	□ <1	 	
Chromium	ppm	2	 	
Molybdenum	ppm	 <1	 	
Nickel	ppm	□ <1	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	4	 	
Vanadium	ppm	0	 	

Calcium	ppm	3				
Magnesium	ppm	1				
Zinc	ppm	12				
Phosphorus	ppm	375				
Barium	ppm	0				
Boron	ppm	8				



ARNOLD MACHINERY COMPANY

2975 WEST 2100 SOUTH SALT LAKE CITY, UT US 84119 Contact: TJ LARK tlark@arnoldmachinery.com T: (801)972-4000 F: (801)975-9434

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.

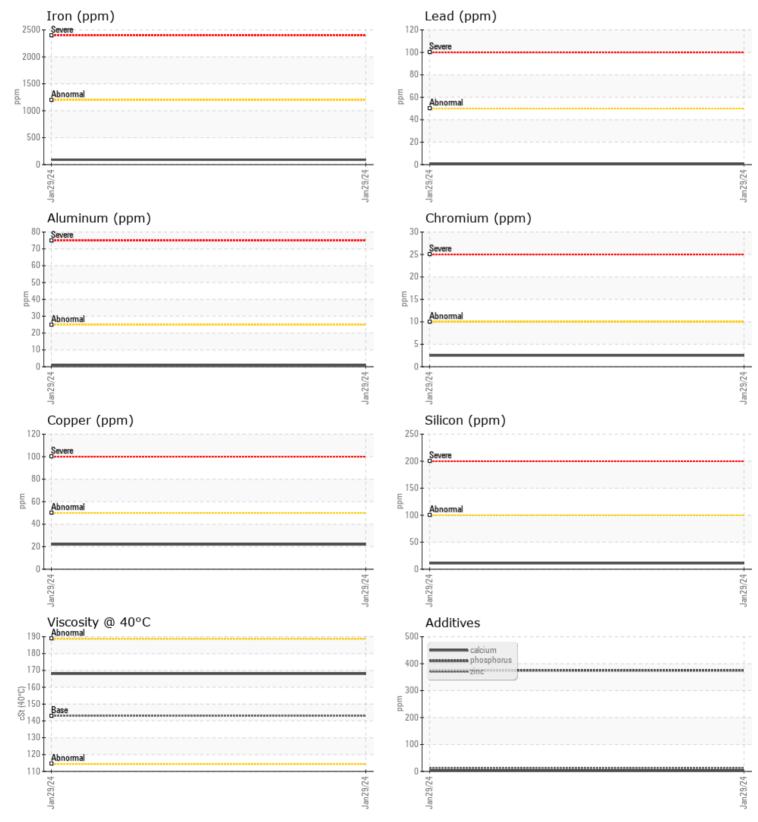
Depot:	VOLVO8770
Unique No:	10860680
Signed:	Wes Davis
Report Date:	03 Feb 2024

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO8770 [WUSCAR] 06078589 (Generated: 02/03/2024 04:36:20) Rev: 1

Contact/Location: TJ LARK - VOLVO8770