CONSTRUCTION EQUIPMENT SW-27645-2 VOLVO ECR145E 316856 - SWING DRIVE

Sample No:	VCP435861
Oil Type:	VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No:	SW-27645-2

SAMPLE INFORMATION

Magnesium

Phosphorus

Zinc

Barium

Boron

VOLVO

Sample Number	-	VCP435861	 	
Sample Date		18 Dec 2023	 	
Machine Hours		480	 	
Oil Hours		480	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL CON	IDITION			
Visc @ 40°C	cSt	175	 	
CONTAI	MINATION			
Water	%	NEG	 	
Silicon	ppm	1 9	 	
Sodium	ppm	0	 	
Potassium	ppm	0	 	
WEAR I	METALS			
Iron	ppm	27	 	
Copper	ppm	82	 	
Lead	ppm	0	 	
Tin	ppm		 	
Aluminum	ppm	2	 	
Chromium	ppm	 <1	 	
Molybdenum	ppm	0	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	4	 	
Vanadium	ppm	0	 	
	VES		 	
Calcium	ppm	5	 	



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

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.Metal levels are typical for a new component breaking in. 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:	10807050
Signed:	Don Baldridge
Report Date:	28 Dec 2023

0

52

■ 1 ■ 0

285

ppm

ppm

ppm

ppm

ppm

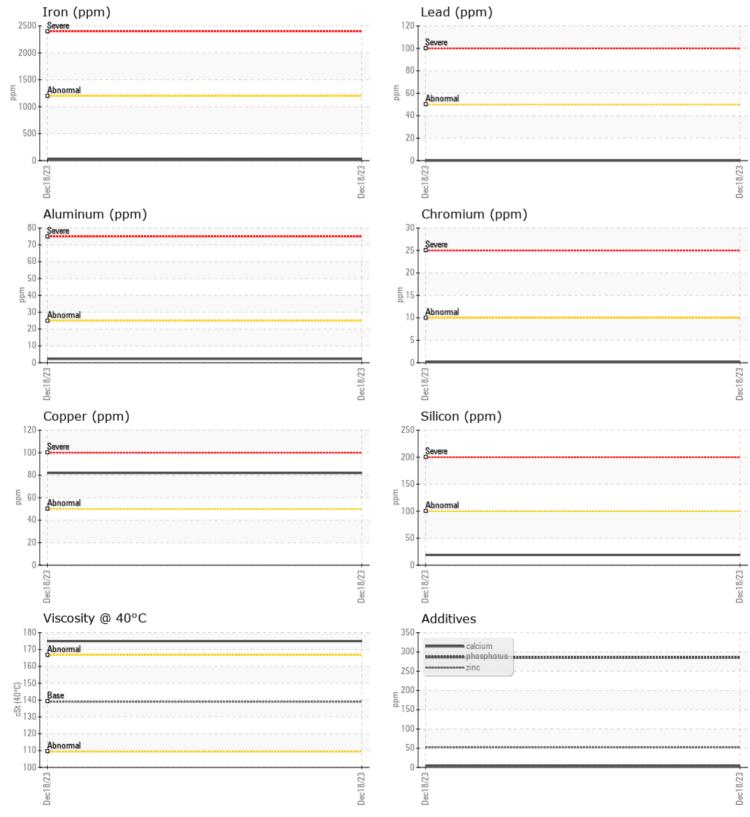
Contact/Location: TJ LARK - VOLVO8770

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO8770 [WUSCAR] 06046442 (Generated: 12/28/2023 18:40:23) Rev: 1

Contact/Location: TJ LARK - VOLVO8770