CONSTRUCTION EQUIPMENT SW-34384-2 CHAISON VOLVO ECR145E 316420 - SWING DRIVE

Sample No: VCP391422

VOLVO

Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5 Job No: SW-34384-2 CHAISON

SAMPLE INFORMATION

Sample Number		VCP391422	VCP432511	
Sample Date		14 May 2024	18 Sep 2023	
Machine Hours		1093	555	
Oil Hours		500	555	
Oil Changed		Changed	Changed	
Sample Status		NORMAL	ABNORMAL	
OIL CON	DITION			
Visc @ 40°C	cSt	129	175	
	MINATION			
Water	%	NEG	0 .118	
Silicon	ppm	10	27	
Sodium	ppm	 <1	 < 1	
Potassium	ppm	0	 <1	
WEAR N	IETALS			
Iron	ppm	77	50	
Copper	ppm	16	▲ 54	
Lead	ppm	0	0	
Tin	ppm	0	 <1	
Aluminum	ppm	■ <1	2	
Chromium	ppm		1	
Molybdenum	ppm	8	 < 1	
Nickel	ppm	0	□ <1	
Titanium	ppm	0	0	
Silver	ppm	0	0	
Manganese	ppm	□1	3	
Vanadium	ppm	0	0	



ADDITIVES Calcium 272 6 ppm Magnesium 120 0 ppm 232 35 Zinc ppm Phosphorus 445 331 ppm Barium ppm <1 0 2 Boron ppm 0



ARNOLD MACHINERY COMPANY

2975 WEST 2100 SOUTH SALT LAKE CITY, UT US 84119 Contact: TONY PAYAN tpayan@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:
 VOLV08770

 Unique No:
 11043295

 Signed:
 Don Baldridge

 Report Date:
 23 May 2024

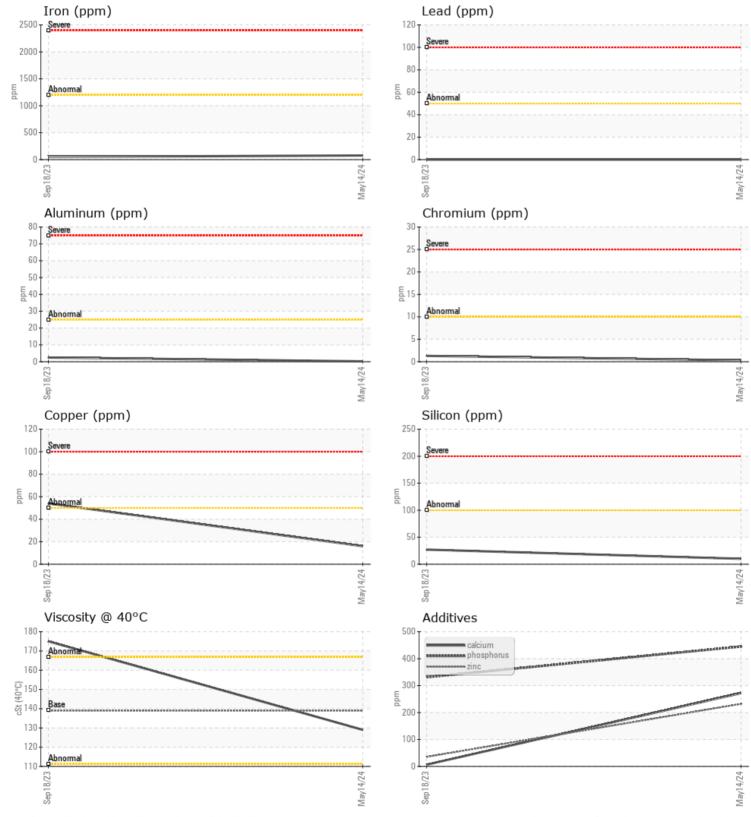
 Contact/Location: TONY PAYAN - VOLV08770

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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