CONSTRUCTION EQUIPMENT SW0-064541 VOLVO EC480E 315097 - REAR RIGHT FINAL DRIVE

Sample No:	VCP423007
Oil Type:	VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No:	SWO-064541

SAMPLE INFORMATION

Phosphorus

Barium

Boron

ppm ppm

ppm

VOLVO

Sample Number	-	VCP423007				
Sample Date		31 Jul 2023				
Machine Hours		679				
Oil Hours		679				
Oil Changed		Changed				
Sample Status		NORMAL				
Visc @ 40°C	cSt	176				
CONTAMINATION						
Silicon	ppm	8				
Sodium	ppm	0				
Potassium	ppm	3				
WEAR METALS						
Iron	ppm	337				
Copper	ppm	■ <1				
Lead	ppm	0				
Tin	ppm	0				
Aluminum	ppm	1				
Chromium	ppm	3				
Molybdenum	ppm	■<1				
Nickel	ppm	□ <1				
Titanium	ppm	■<1				
Silver	ppm	<1				
Manganese	ppm	■4				
Vanadium	ppm	0				
ADDITIVES						
Calcium	ppm	□ 11				
Magnesium	ppm	2				
Zinc	ppm	7				



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:	10589861
Signed:	Sean Felton
Report Date:	08 Aug 2023

296

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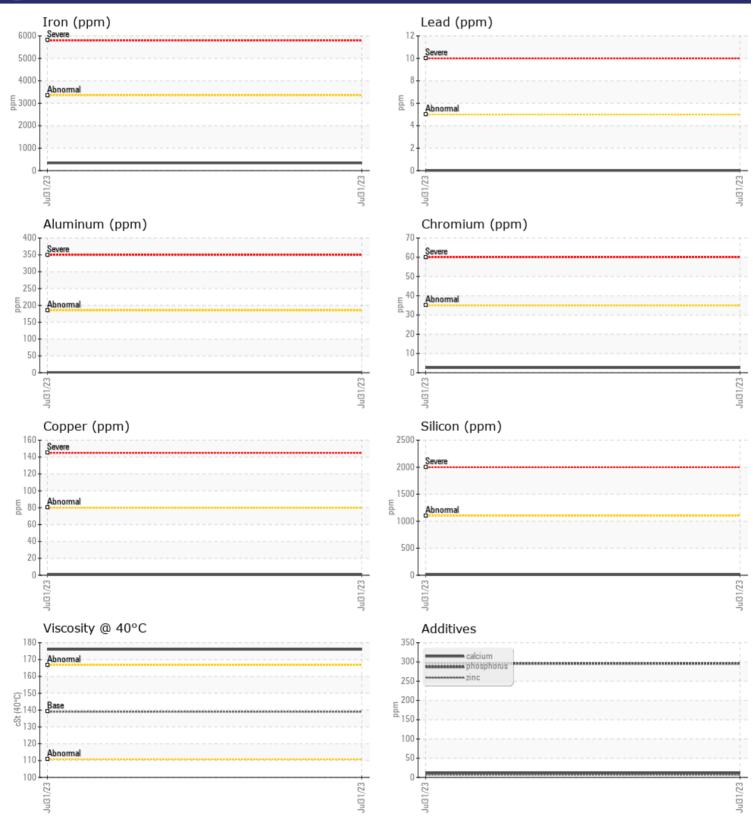
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CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO8770 [WUSCAR] 05917947 (Generated: 08/08/2023 16:01:08) Rev: 1

Contact/Location: TJ LARK - VOLVO8770