CONSTRUCTION EQUIPMENT 4143HS MACMOL VOLVO A40D 12682 - BOGIE/CENTER AXLE

 Sample No:
 VCP421984

 Oil Type:
 GEAR OIL SAE 80W140

 Job No:
 4143HS MACMOL

SAMPLE INFORMATION

Barium

Boron

VOLVO

Sample Number		VCP421984	VC309004		
Sample Date		11 Aug 2023	18 Sep 2008		
Machine Hours		14321	3034		
Oil Hours		0	624		
Oil Changed		Not Changd	Not Changd		
Sample Status		NORMAL	NORMAL		
OIL COND	ITION				
Visc @ 40°C	cSt	250	270.0		
CONTAMI	NATION		_		
Silicon	ppm	4	6		
Sodium	ppm	5	1		
Potassium	ppm	0	0		
WEAR METALS					
Iron	ppm	25	321		
Copper	ppm	2	14		
Lead	ppm	0	 < 1		
Tin	ppm	0	0		
Aluminum	ppm	 <1	1		
Chromium	ppm	0	6		
Molybdenum	ppm	0	3		
Nickel	ppm	0	3		
Titanium	ppm	<1	3		
Silver	ppm	0	0		
Manganese	ppm	■ <1	7		
Vanadium	ppm	<1	0		
ADDITIVE	2				
Calcium	ppm	88	230		
Magnesium	ppm	4	5		
Zinc	ppm	31	114		
Phosphorus	ppm	1298	823		

0

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HIGHWAY EQUIPMENT & SUPPLY CO MAIN

PO BOX 1957 HARRISBURG, PA US 17105 Contact: BRIAN LANDERER blanderer@hwyequip.com T: (717)564-3031 F: (717)564-3568

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W140. Please confirm. 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:
 VOLVO0025

 Unique No:
 10615319

 Signed:
 Wes Davis

 Report Date:
 22 Aug 2023

0

257

ppm

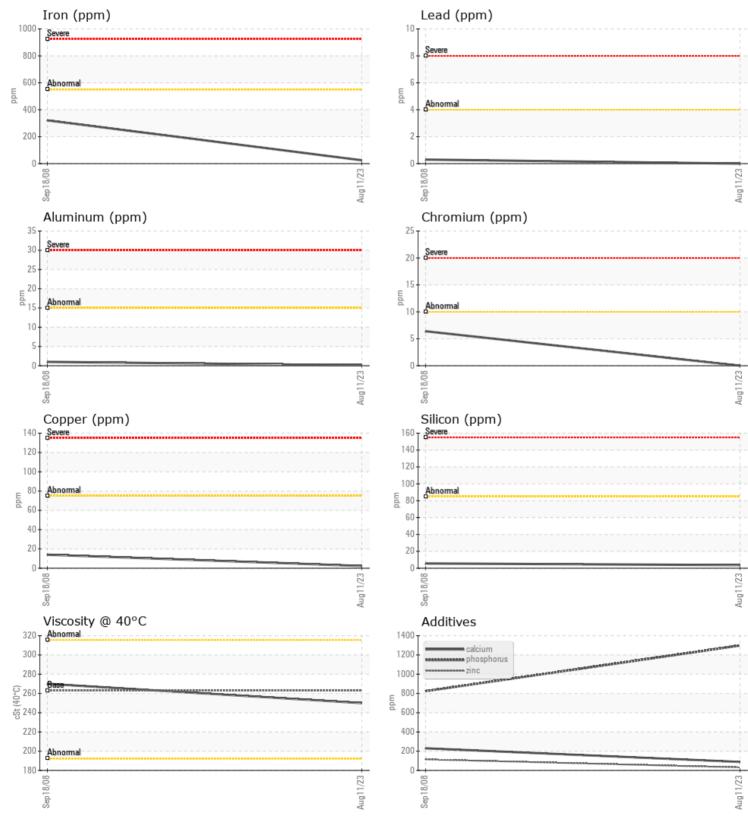
ppm

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO0025 [WUSCAR] 05930048 (Generated: 08/22/2023 17:29:59) Rev: 1

Contact/Location: BRIAN LANDERER - VOLVO0025