

CONSTRUCTION EQUIPMENT VOLVO A45G 352632 - REAR AXLE



Sample No: VCP374986

Oil Type: GEAR OIL SAE 80W90

Job No:

Phosphorus

Barium

Boron

ppm

ppm

ppm

SAMPLE	INFORMATION				
Sample Number		VCP374986	VCP349121	 	
Sample Date		30 Jun 2022	30 Dec 2021	 	
Machine Hours		1092	506	 	
Oil Hours		0	0	 	
Oil Changed		Not Changd	Not Changd	 	
Sample Status		ATTENTION	ATTENTION	 	
OIL CON	DITION				
Visc @ 40°C	cSt	50.7	52.1	 	
	COL	- 55.7	JL. 1	 	
VOLVO				 	
CONTAN	MINATION				
Water	%	NEG	NEG	 	
Silicon	ppm	4	4	 	
Sodium	ppm	2	2	 	
Potassium	ppm	4	4	 	
WEAR N	METALS				
Iron	ppm	254	316	 	
Copper	ppm	2	1	 	
Lead	ppm	 <1	0	 	
Tin	ppm	0	 <1	 	
Aluminum	ppm	 <1	 < 1	 	
Chromium	ppm	4	6	 	
Molybdenum	ppm	5	7	 	
Nickel	ppm	 <1	 <1	 	
Titanium	ppm	0	0	 	
Silver	ppm	0	<1	 	
Manganese	ppm	1 3	17	 	
Vanadium	ppm	0	<1	 	
	VES				
Calcium	ppm	112	126	 	
Magnesium	ppm	1	2	 	
Zinc	ppm	52	60	 	
DI I		- 2504			

2484

313

0



A **J MCDIRTT** P.O. BOX 781

STERLING, IL JS 61081 Contact: SERVICE MANAGER

T: (815)631-1606 F:

Diagnosis

No corrective action is recommended at this time. 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 oil viscosity is lower than normal. Confirm oil type.

 Depot:
 AJMSTE

 Unique No:
 10049866

 Signed:
 Jonathan Hester

 Report Date:
 15 Jul 2022

2581

0 🔲

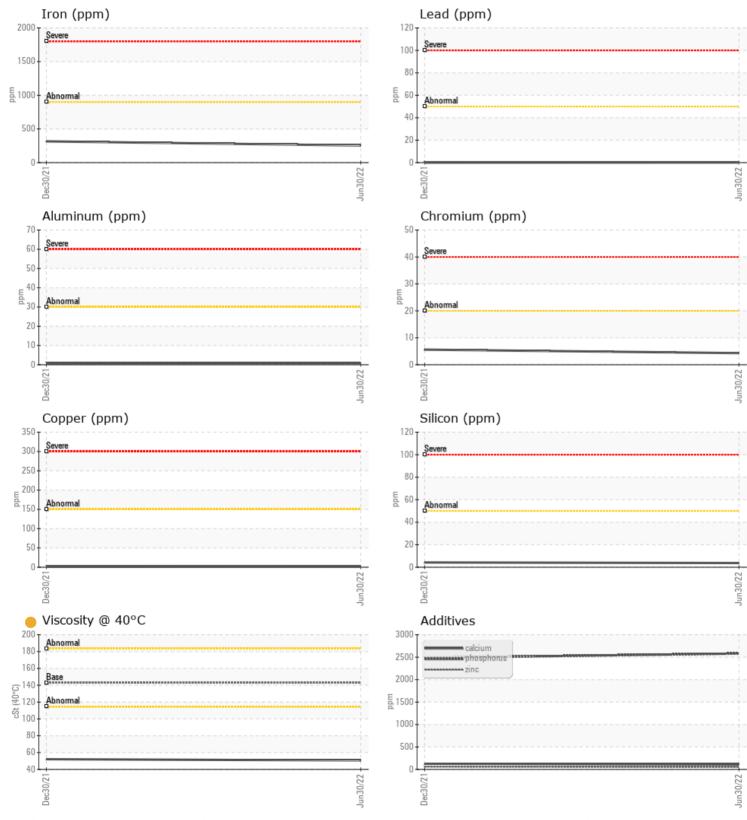
259

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: AJMSTE [WUSCAR] 05590419 (Generated: 06/20/2024 12:00:18) Rev: 1

Contact/Location: SERVICE MANAGER - AJMSTE