CONSTRUCTION EQUIPMENT SWA373333 GENIE Z45/25 Z4525N-57641 - DIESEL ENGINE

Sample No:	VCP429169
Oil Type:	VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No:	SWA373333

SAMPLE INFORMATION

VOLVO

Sample Number		VCP429169						
Sample Date		09 Oct 2023						
Machine Hours		947						
Oil Hours		460						
Oil Changed		Not Changd						
Sample Status		NORMAL						
OIL CONDI	TION							
Visc @ 100°C	cSt	13.3						
Base Number (BN)	mg KOH/g	7.9						
Oxidation (PA)	%	97						
CONTAM								
CONTAMINATION								
Soot %	%	0.1						
Nitration (PA)	%	97						
Sulfation (PA)	%	61						
Glycol	%	NEG						
Fuel	%	<1.0						
Silicon	ppm	11						
Sodium	ppm	■<1						
Potassium								

otassium

WEAR N	METALS			
Iron	ppm	10	 	
Copper	ppm	2	 	
Lead	ppm	□ <1	 	
Tin	ppm		 	
Aluminum	ppm	0	 	
Chromium	ppm		 	
Molybdenum	ppm	31	 	
Nickel	ppm		 	
Titanium	ppm	1	 	
Silver	ppm	0	 	
Manganese	ppm	□ <1	 	
Vanadium	ppm	0	 	

ADDITIVES 1425 Calcium ppm 495 Magnesium ppm Zinc 829 ppm Phosphorus ppm 657 Barium ppm 1 🔲 57 Boron ppm



ALTA EQUIPMENT COMPANY

1061 STEPKE COURT TRAVERSE CITY, MI US 49685 Contact: KEVIN DOHM kevin.dohm@altaequipment.com T: (231)943-3700 F: (231)943-8110

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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

 Depot:
 VOLV08501

 Unique No:
 10688774

 Signed:
 Sean Felton

 Report Date:
 13 Oct 2023

Report Id: VOLVO8501 [WUSCAR] 05976824 (Generated: 10/17/2023 15:34:30) Rev: 1

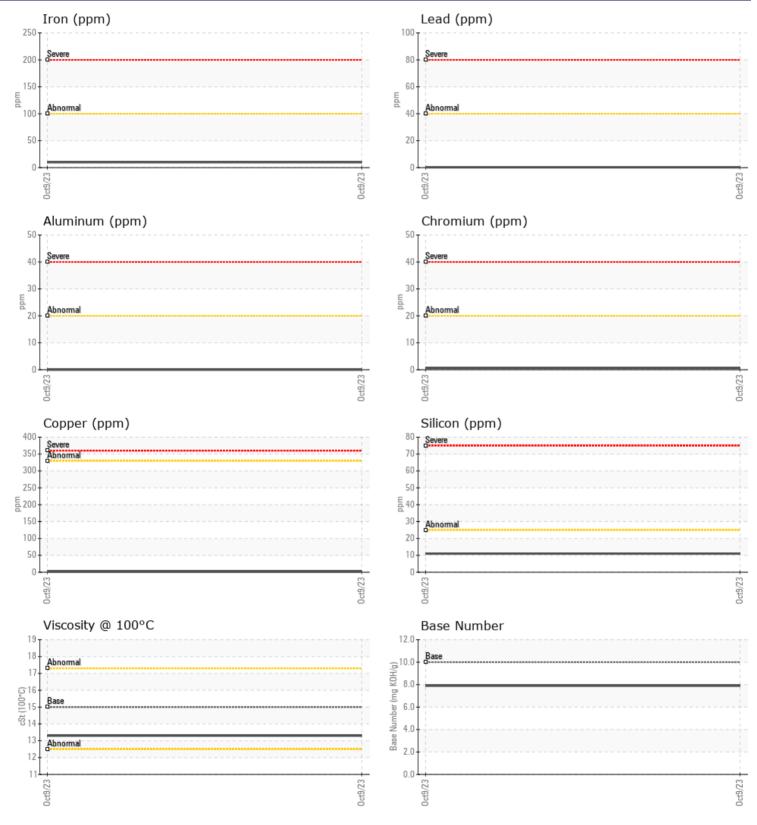
Contact/Location: KEVIN DOHM - VOLVO8501

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Contact/Location: KEVIN DOHM - VOLVO8501