CONSTRUCTION EQUIPMENT SPM540726 ALTA RENTS GENIE 7544 709 - DIESEL ENGINE

VCP404966 Sample No:

VOLVO

Oil Type:	VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No:	SPM540726 ALTA RENTS

SAMPLE INFORMATION

Sample Number		VCP404966	 	
Sample Date		28 Apr 2023	 	
Machine Hours		1727	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL CONDIT	TION			
Visc @ 100°C	cSt	12.7	 	
Base Number (BN)	mg KOH/g	9.4	 	
Oxidation (PA)	%	78	 	
CONTAMIN				
	ATION		 -	-
Soot %	%	0.2	 	
Nitration (PA)	%	64	 	
Sulfation (PA)	%	56	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	12	 	
Sodium	ppm	3	 	



ALTA CONSTRUCTION EQUIPMENT LLC

G-3283 S. DORT HIGHWAY BURTON, MI US 48529 Contact: BURTON SERVICE BURTON.SERVICE@ALTAEQUIPMENT.COM T: F:

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.

Potassium

ppm

0 🔲

WEAR I	METALS		 	
Iron	ppm	21	 	
Copper	ppm	2	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	4	 	
Chromium	ppm	2	 	
Molybdenum	ppm	42	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	1	 	
Vanadium	ppm	<1	 	

ADDITIVES						
Calcium	ppm	1722				
Magnesium	ppm	540				
Zinc	ppm	1137				
Phosphorus	ppm	939				
Barium	ppm	0				
Boron	ppm	56				

Depot: VOLVO5023 Unique No: 10455000 Signed: Wes Davis Report Date: 03 May 2023

Report Id: VOLVO5023 [WUSCAR] 05836197 (Generated: 07/03/2023 11:42:00) Rev: 1

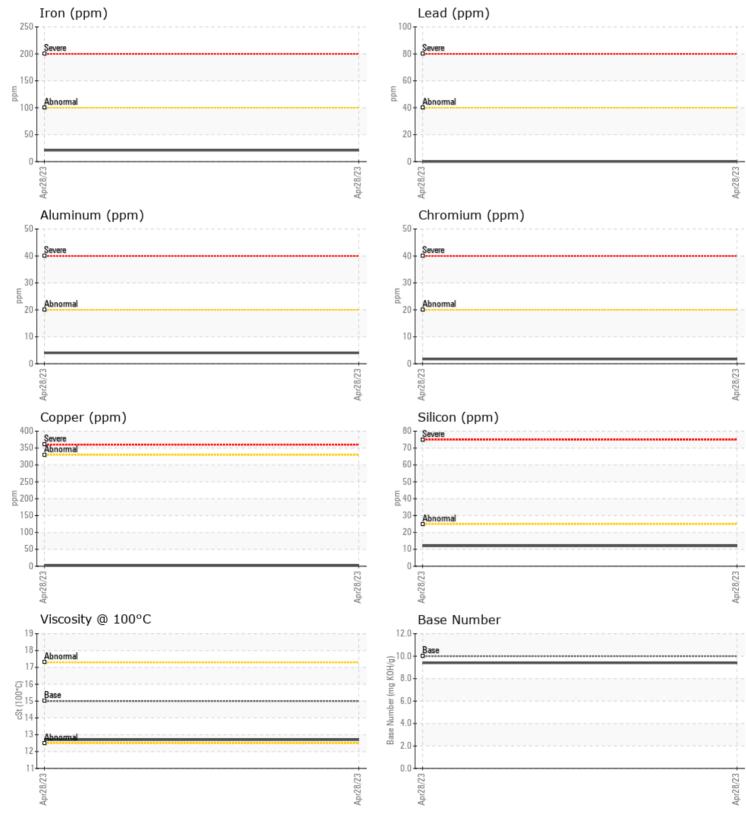
Contact/Location: BURTON SERVICE - VOLVO5023

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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