CONSTRUCTION EQUIPMENT



 Sample No:
 VCP450879

 Oil Type:
 VOLVO ULT

VOLVO

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No: 730443 TITAL AMERICA

SAMPLE INFORMATION VCP450879 Sample Number VCP436041 Sample Date 21 Jun 2024 10 Nov 2023 Machine Hours 1697 564 Oil Hours 0 0 Oil Changed Changed Changed NORMAL NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 13.19 12.5 9.7 Base Number (BN) mg KOH/g 10.5 Oxidation (PA) 78 70 % CONTAMINATION NEG % NEG Water

Soot %	%	0.4	0.4	
Nitration (PA)	%	61	58	
Sulfation (PA)	%	61	58	
Glycol	%	NEG	NEG	
Fuel	%	<1.0	<1.0	
Silicon	ppm	6	23	
Sodium	ppm	3	2	
Potassium	ppm	0	3	

WEAR

WEAR I	METALS			
Iron	ppm	140	138	
Copper	ppm	2	9	
Lead	ppm	0	< 1	
Tin	ppm	0	2	
Aluminum	ppm	5	18	
Chromium	ppm	2	5	
Molybdenum	ppm	39	40	
Nickel	ppm	0	<1	
Titanium	ppm	0	<1	
Silver	ppm	0	0	
Manganese	ppm	2	6	
Vanadium	ppm	<1	0	

ADDITIVES							
Calcium	ppm	1708	1533				
Magnesium	ppm	524	584				
Zinc	ppm	1105	1085				
Phosphorus	ppm	923	909				
Barium	ppm	 <1	 < 1				
Boron	ppm	25	43				



ALTA EQUIPMENT COMPANY

5210 REESE ROAD DAVIE, FL US 33314 Contact: N. FACEY nfacey@altaequipfl.com T: (954)581-4744 F: (954)583-0318

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:
 VOLVO0095

 Unique No:
 11099806

 Signed:
 Jonathan Hester

 Report Date:
 01 Jul 2024

Report Id: VOLVO0095 [WUSCAR] 06221609 (Generated: 07/02/2024 01:45:29) Rev: 1

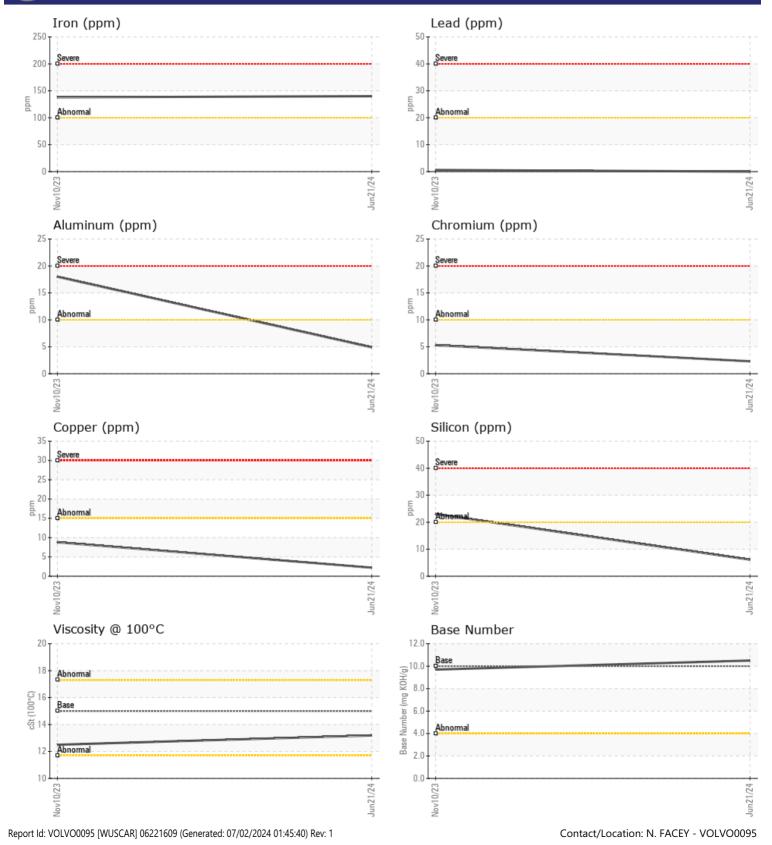
Contact/Location: N. FACEY - VOLVO0095

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GRAPHS

VOLVO



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