CONSTRUCTION EQUIPMENT SWA445521 PRINCE CON VOLVO L90H 627122 - DIESEL ENGINE

Sample No: VCP410318

VOLVO

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No: SWA445521 PRINCE CON

SAMPLE INFORMATION VCP410318 Sample Number Sample Date 19 Jan 2024 Machine Hours 759 Oil Hours 0 Oil Changed Changed NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 12.6 Base Number (BN) mg KOH/g 10.2 Oxidation (PA) 80 % CONTAMINATION % NEG Water % 0.2 Soot %

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Nitration (PA)	%	62	 	
Sulfation (PA)	%	60	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	1 6	 	
Sodium	ppm	3	 	
Potassium	ppm	■ <1	 	

WEAR META

WEAR I	METALS			
Iron	ppm	22	 	
Copper	ppm	4	 	
Lead	ppm	 <1	 	
Tin	ppm	2	 	
Aluminum	ppm	16	 	
Chromium	ppm	3	 	
Molybdenum	ppm	40	 	
Nickel	ppm		 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	4	 	
Vanadium	ppm	<1	 	

ADDITIVES							
Calcium	ppm	1633					
Magnesium	ppm	525					
Zinc	ppm	1144					
Phosphorus	ppm	912					
Barium	ppm	□<1					
Boron	ppm	42					



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.Metal levels are typical for a new component breaking in. 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:
 10856547

 Signed:
 Wes Davis

 Report Date:
 31 Jan 2024

Report Id: VOLVO0095 [WUSCAR] 06074456 (Generated: 01/31/2024 13:29:21) Rev: 1

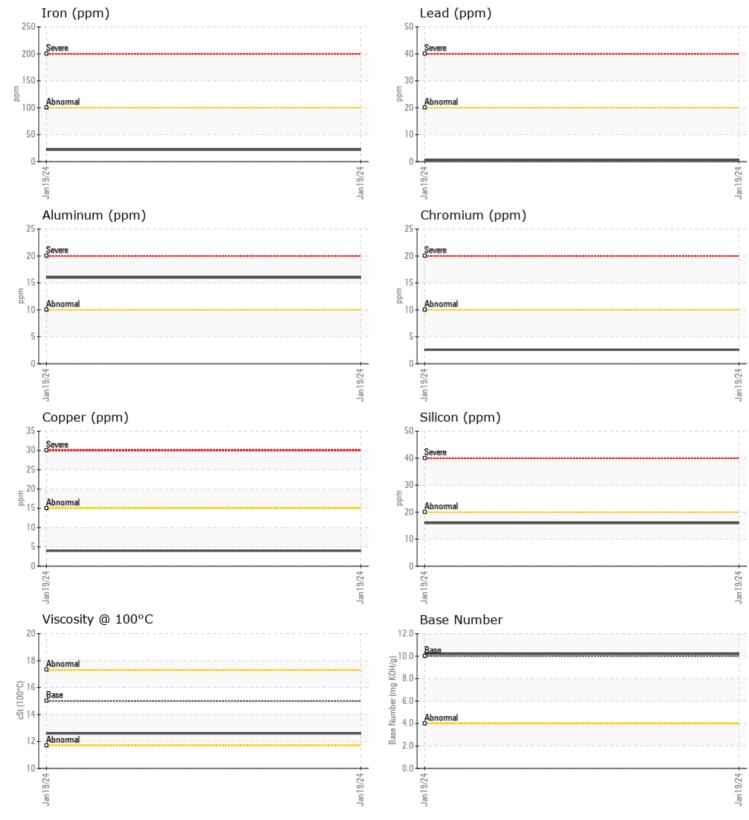
Contact/Location: N. FACEY - VOLVO0095

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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