CONSTRUCTION EQUIPMENT D12865 LKO VOLVO L90H 625783 - DIESEL ENGINE



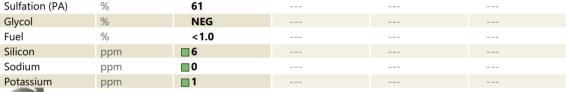
Sample No: VCP429614 **Oil Type:** D12865 LKQ

VOLVO

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No:

SAMPLE INFORMATION VCP429614 Sample Number Sample Date 16 Oct 2023 Machine Hours 4004 Oil Hours 531 Oil Changed Changed NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 12.9 Base Number (BN) mg KOH/g 9.5 Oxidation (PA) 80 % CONTAMINATION % 0.4 Soot % Nitration (PA) % 56 Sulfation (PA) % 61



WEAD METALS

WLAK N	NETALS			
Iron	ppm	8	 	
Copper	ppm		 	
Lead	ppm	■<1	 	
Tin	ppm		 	
Aluminum	ppm	2	 	
Chromium	ppm		 	
Molybdenum	ppm	43	 	
Nickel	ppm		 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	□<1	 	
Vanadium	ppm	0	 	

ADDITIVES								
Calcium	ppm	1631						
Magnesium	ppm	493						
Zinc	ppm	1176						
Phosphorus	ppm	1005						
Barium	ppm	0						
Boron	ppm	39						



ARING EQUIPMENT COMPANY INC - MAIN (MILWAUKEE) 13001 W SILVERE SPRING DR BUTLER, WI US 53007 Contact: GLENN OTTENBACHER gottenbacher@aring.com T: (262)282-0715 F: (262)781-5053

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: VOLVO0069 Unique No: 10708902 Signed: Wes Davis Report Date: 24 Oct 2023

Report Id: VOLVO0069 [WUSCAR] 05986240 (Generated: 10/26/2023 09:43:44) Rev: 1

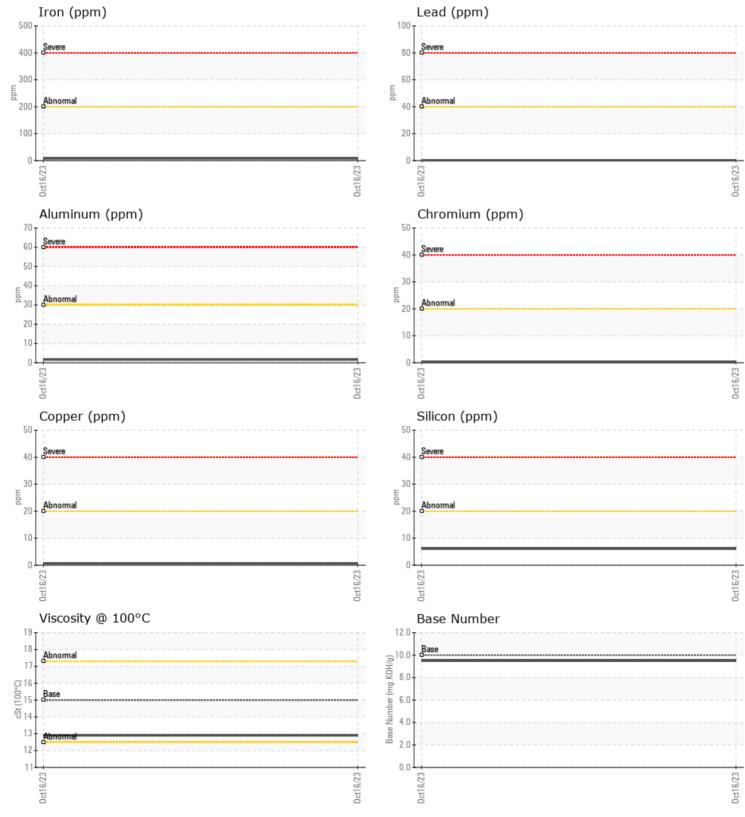
Contact/Location: GLENN OTTENBACHER - VOLVO0069

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Contact/Location: GLENN OTTENBACHER - VOLVO0069