# CONSTRUCTION EQUIPMENT 393638-40 HRJ CONT VOLVO A30G 752406 - DIESEL ENGINE



 Sample No:
 VCP410037

 Oil Type:
 VOLVO ULT

VOLVO

e: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No: 393638-40 HRJ CONT

#### SAMPLE INFORMATION VCP410037 Sample Number VCP425503 Sample Date 29 Jan 2024 03 May 2023 Machine Hours 4086 2552 Oil Hours 0 0 Oil Changed N/A Changed ATTENTION ABNORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt **12.3** 12.7 6.5 Base Number (BN) mg KOH/g 10.2 Oxidation (PA) 80 66 % CONTAMINATION NEG % NEG Water Soot % % 0.4 1 NIL (D A ) ~ . .

Nitration (PA)	%	63	/3	 
Sulfation (PA)	%	61	63	 
Glycol	%	NEG	NEG	 
Fuel	%	0.4	<1.0	 
Silicon	ppm	5	11	 
Sodium	ppm	3	□ <1	 
Potassium	ppm	<b>■</b> <1	3	 

# WFAR MF

WEAR I	METALS			
Iron	ppm	6	31	 
Copper	ppm	15	<b>6</b> 3	 
Lead	ppm	2	2	 
Tin	ppm	<b>1</b>	3	 
Aluminum	ppm	3	1	 
Chromium	ppm		2	 
Molybdenum	ppm	37	61	 
Nickel	ppm	<b>□</b> <1	1	 
Titanium	ppm	<1	<1	 
Silver	ppm		□ <1	 
Manganese	ppm	□ <1	2	 
Vanadium	ppm	<1	<1	 

ADDITIVES							
Calcium	ppm	1542	1707				
Magnesium	ppm	<b>465</b>	406				
Zinc	ppm	1028	1227				
Phosphorus	ppm	871	957				
Barium	ppm	0	0				
Boron	ppm	26	4				



### 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

No corrective action is recommended at this time. Resample at the next service interval to monitor.All component wear rates are normal. Fuel content negligible. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

 Depot:
 VOLVO0095

 Unique No:
 10858567

 Signed:
 Jonathan Hester

 Report Date:
 05 Feb 2024

Report Id: VOLVO0095 [WUSCAR] 06076476 (Generated: 02/05/2024 14:30:26) Rev: 1

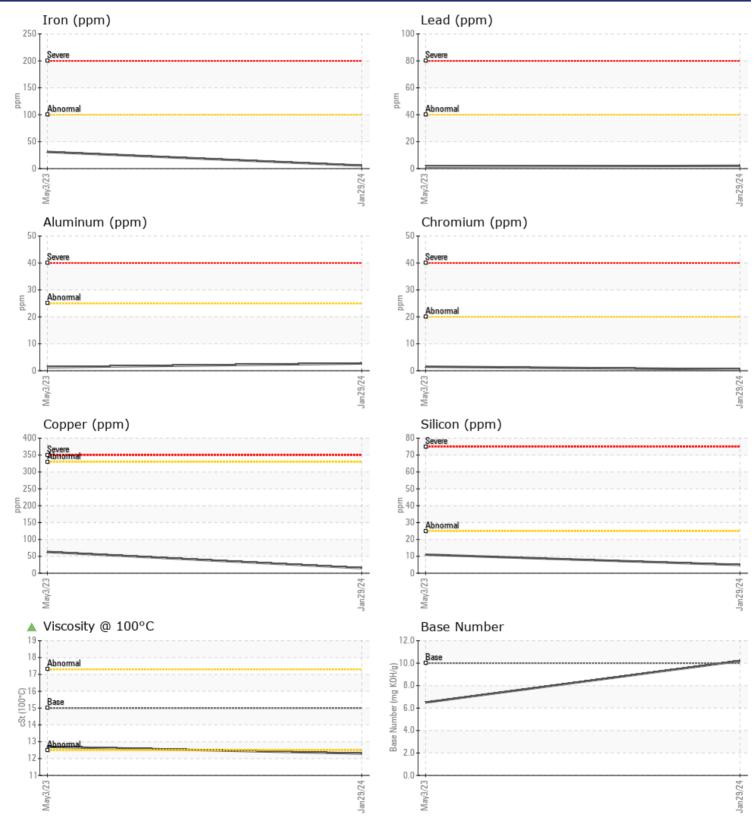
Contact/Location: N. FACEY - VOLVO0095

# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



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