## CONSTRUCTION EQUIPMENT S1626 VOLVO A45G 352632 - DIESEL ENGINE



Sample No: VCP442507

VOLVO

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

**15** 

0

■ <1

Job No:

Silicon

Sodium

/12

Potassium

S1626

ppm

ppm

ppm

#### SAMPLE INFORMATION VCP442507 Sample Number Sample Date 29 Jan 2024 Machine Hours 3064 Oil Hours 0 Oil Changed Changed NORMAL Sample Status **OIL CONDITION** F: Visc @ 100°C cSt 12.6 Base Number (BN) mg KOH/g 11.0 Oxidation (PA) 80 % CONTAMINATION NEG % Water % Soot % 0.2 Nitration (PA) % 60 % 57 Sulfation (PA) Glycol % NEG Fuel % <1.0



#### VCES- VOLVO CONSTRUCTION EQUIPMENT

8594 FRUITRIDGE ROAD SACRAMENTO, CA US 95826 Contact: RAY KRANZUSCH ray.kranzusch@vcesvolvo.com T:

### 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 acceptable for the time in service.

WEAR METALS									
Iron	ppm	23							
Copper	ppm	3							
Lead	ppm	■<1							
Tin	ppm	□ <1							
Aluminum	ppm	5							
Chromium	ppm	<b>1</b>							
Molybdenum	ppm	<b>44</b>							
Nickel	ppm	6							
Titanium	ppm	<1							
Silver	ppm	0							
Manganese	ppm	■ <1							
Vanadium	ppm	0							

ADDITIVES								
Calcium	ppm	1746						
Magnesium	ppm	540						
Zinc	ppm	<b>1002</b>						
Phosphorus	ppm	811						
Barium	ppm	0						
Boron	ppm	64						

 Depot:
 VOLVO4485

 Unique No:
 10872641

 Signed:
 Don Baldridge

 Report Date:
 12 Feb 2024

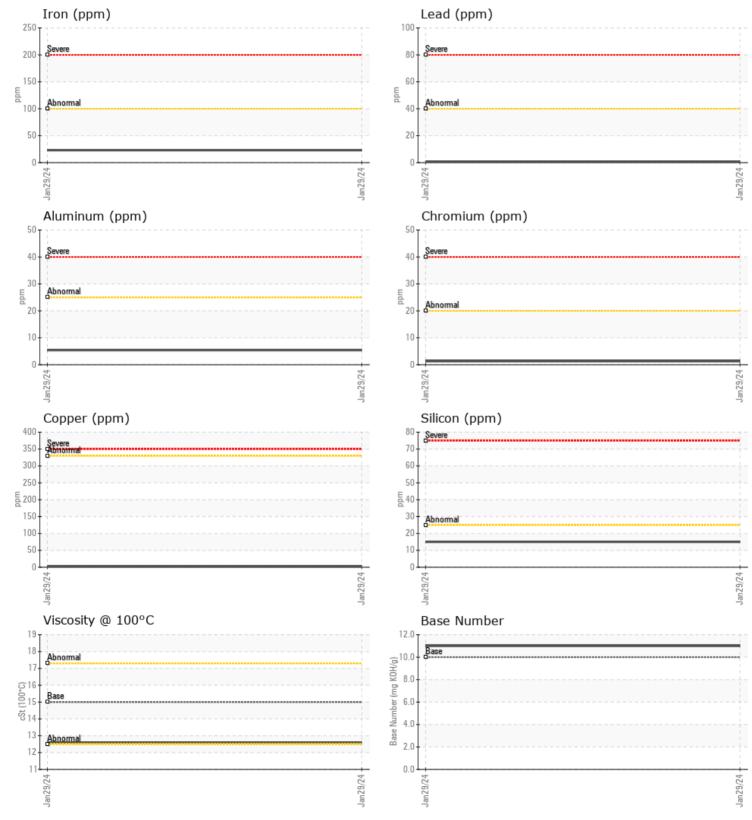
Contact/Location: RAY KRANZUSCH - VOLVO4485

# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO4485 [WUSCAR] 06085196 (Generated: 02/12/2024 15:21:30) Rev: 1

Contact/Location: RAY KRANZUSCH - VOLVO4485