CONSTRUCTION EQUIPMENT X28349 CASE CX350D 7P1816 - DIESEL ENGINE



Sample No: VCP381314

VOLVO

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3 Job No: X28349



Barium

Boron

VOLVO			 	
SAMPLE II	NFORMATION			
Sample Number		VCP381314	 	
Sample Date		22 Sep 2023	 	
Machine Hours		1727	 	
Oil Hours		1727	 	
Oil Changed		Not Changd	 	
Sample Status		ABNORMAL	 	
OIL CONDI	TION			
Visc @ 100°C	cSt	14.3	 	
Base Number (BN)	mg KOH/g	9.1	 	
Oxidation (PA)	%	57	 	
CONTAMI	ΝΔΤΙΩΝ			
Soot %	%	0.4	 	
Nitration (PA)	%	43	 	
Sulfation (PA)	%	52	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	▲ 25	 	
Sodium	ppm	2	 	
Potassium	ppm	1	 	
VOLVO			 	
WEAR ME	TALS	····		
Iron	ppm	26	 	
Copper	ppm	4	 	
Lead	ppm	12	 	
Tin	ppm	4	 	
Aluminum	ppm	1 5	 	

SCOTT EQUIPMENT COMPANY LLC - Shreveport

945 NORTH MARKET STREET SHREVEPORT, LA US 71107-6744 Contact: MARILYN TIDWELL mtidwell@scottcompanies.com T: F: (318)677-2493

Diagnosis

We advise that you check the air filter, air induction system, and any areas where dirt may enter the component. Resample at the next service interval to monitor.All component wear rates are normal. Elemental levels of silicon (Si) and aluminum (Al) indicate aluminasilicate (coarse dirt) ingress. 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.

ppm	1 5								
ppm	■ <1								
ppm	52								
ppm	0								
ppm	<1								
ppm	0								
ppm	∎1								
ppm	0								
ADDITIVES									
ppm	1727								
ppm	404								
ppm	1262								
ppm	1034								
	ppm ppm ppm ppm ppm ppm ppm ppm	ppm <1 ppm 52 ppm 0 ppm 1 ppm 1 ppm 0 server 0 ppm 1 ppm 0 server 0 server<	ppm <1 ppm 52 ppm 0 ppm 0 ppm 1 ppm 0 ppm 0 ppm 1 ppm 1 ppm 1 ppm 404 ppm 1262	ppm <1 ppm 52 ppm 0 ppm <1 ppm 0 ppm 0 ppm 0 ppm 1 ppm 0 ppm 1 ppm 1 ppm 1262					

 Depot:
 VOLVO2603

 Unique No:
 10669211

 Signed:
 Don Baldridge

 Report Date:
 28 Sep 2023

Report Id: VOLVO2603 [WUSCAR] 05962660 (Generated: 09/28/2023 17:10:48) Rev: 1

ppm

ppm

0 🔲

112

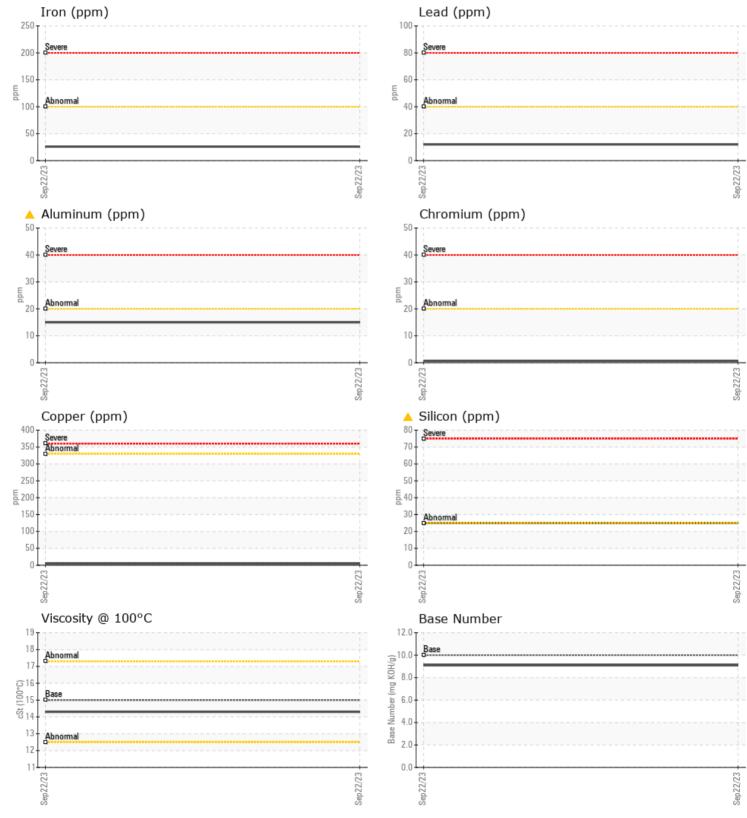
Contact/Location: MARILYN TIDWELL - VOLVO2603

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO2603 [WUSCAR] 05962660 (Generated: 09/28/2023 17:10:50) Rev: 1

Contact/Location: MARILYN TIDWELL - VOLVO2603