CONSTRUCTION EQUIPMENT 8000379768 VOLVO EC300EL 316765 - REAR LEFT FINAL DRIVE

 Sample No:
 VCP394469

 Oil Type:
 VOLVO PREMIUM GEAR OIL 80W-90 GL-5

 Job No:
 8000379768

VCP394469

.

SAMPLE INFORMATION

Sample Number

VOLVO

Sample Date		16 Oct 2023	 	
Machine Hours		2027	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		ABNORMAL	 	
OIL CONDI	TION			
Visc @ 40°C	cSt	188	 	
CONTAMIN	ATION			
Silicon	ppm	A 1205	 	
Sodium	ppm	24	 	
Potassium	ppm	51	 	

WEAR METALS								
PQ		A 3298						
Iron	ppm	4740						
Copper	ppm	7						
Lead	ppm	□ <1						
Tin	ppm	0						
Aluminum	ppm	<u> </u>						
Chromium	ppm	<u> </u>						
Molybdenum	ppm	4						
Nickel	ppm	 <1						
Titanium	ppm	9						
Silver	ppm	<1						
Manganese	ppm	43						
Vanadium	ppm	<1						

ADDITIVES 294 Calcium ppm 69 Magnesium ppm Zinc ppm 14 Phosphorus 289 ppm Barium 4 ppm Boron ppm 3



STRONGCO EQUIP (AB)

6 - 38403 BURNT LAKE TRAIL RED DEER COUNTY, AB CA T4S 2L4 Contact: Perry Doyle pdoyle@strongco.com T: (403)346-3473 F: (403)346-3487

Diagnosis

We advise that you check all areas where dirt can enter the system. The oil change at the time of sampling has been noted. Confirm the source of the lubricant being utilized for topup/fill. We recommend an early resample to monitor this condition.PQ levels are abnormal. Chromium and iron ppm levels are abnormal. Aluminum ppm levels are noted. Gear wear is indicated. The high ferrous density (PQ) index indicates that abnormal wear is occurring. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. High amount of ingressed dirt has caused abrasive wear to the component. Additive levels indicate the addition of a different brand, or type of oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

 Depot:
 VOLVO9652

 Unique No:
 5659777

 Signed:
 Kevin Marson

 Report Date:
 22 Oct 2023

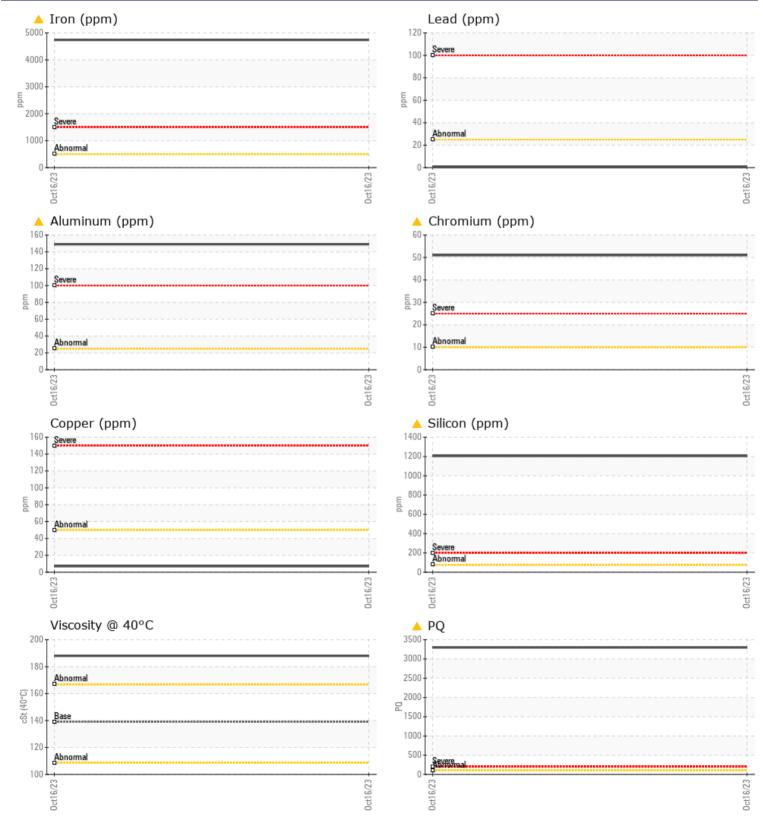
Contact/Location: Perry Doyle - VOLVO9652

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO9652 [WCAMIS] 02590711 (Generated: 10/22/2023 11:31:06) Rev: 1

Contact/Location: Perry Doyle - VOLVO9652