CONSTRUCTION EQUIPMENT 238406 VOLVO EC220E 310188 - SWING DRIVE



Sample No: VCP260288

VOLVO

Oil Type:	VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No:	238406

SAMPLE INFORMATION

Sample Number		VCP260288	VCP250000	
Sample Date		30 Mar 2020	09 Sep 2019	
Machine Hours		4011	2990	
Oil Hours		0	1000	
Oil Changed		Changed	Changed	
Sample Status		NORMAL	NORMAL	
OIL CONDI	TION			
Visc @ 40°C	cSt	∎172	334	
CONTAMIN	IATION			
Silicon	ppm	6	4	
Sodium	ppm		 <1	
Potassium	ppm	∎1	<1 <1	

VOLVO				
	METALS			
<u> </u>			<u> </u>	 -
Iron	ppm	83	116	
Copper	ppm	3	5	
Lead	ppm	0	0	
Tin	ppm	0	0	
Aluminum	ppm	1	1	
Chromium	ppm	2	2	
Molybdenum	ppm	 <1	0	
Nickel	ppm	0	<1	
Titanium	ppm	<1	<1	
Silver	ppm	0	0	
Manganese	ppm	1	2	
Vanadium	ppm	0	0	

ADDITIVES Calcium 8 ppm 9 Magnesium < 1 2 ppm Zinc 9 8 ppm Phosphorus 991 ppm 1699 Barium ■ <1 < 1 ppm Boron ppm **180** 172



STRONGCO EQUIPMENT--CALGARY

7923 54TH STREET SE CALGARY, AB CA T2C 4R7 Contact: Tracey Lewin tlewin@strongco.com T: (403)216-1010 F: (403)216-1016

Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

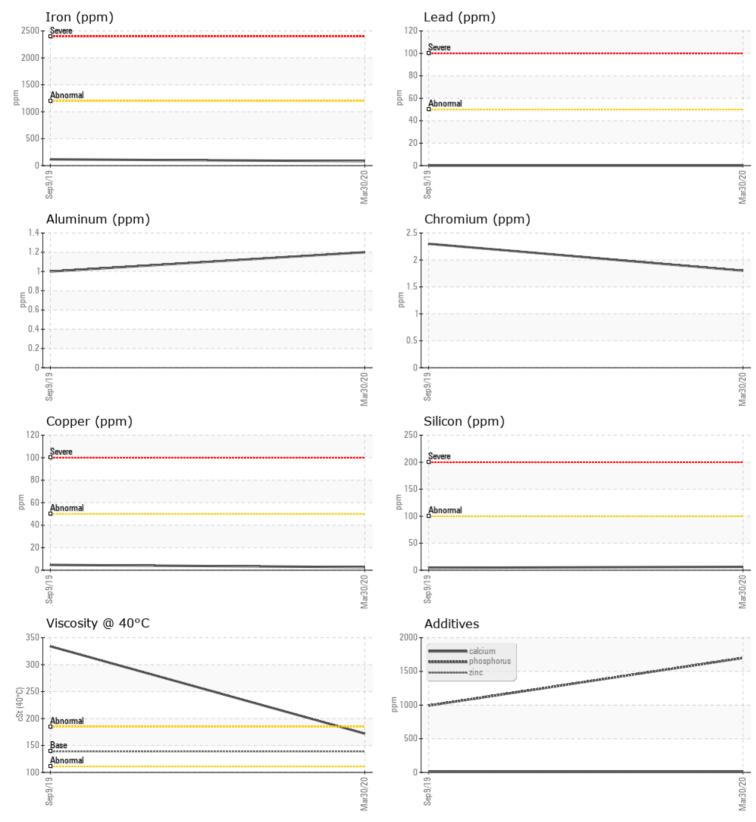
Depot:	VOLVO3909
Unique No:	5031158
Signed:	Wes Davis
Report Date:	07 Apr 2020

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO3909 [WCAMIS] 02347729 (Generated: 09/28/2023 09:20:40) Rev: 1

Contact/Location: Tracey Lewin - VOLVO3909