

CONSTRUCTION EQUIPMENT607001 VOLVO EC380 315097 - SWING DRIVE



Sample No: VCP431339

Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5

Job No: 607001

SAMPLE	INFORMATION				
Sample Number	<u> </u>	VCP431339	VCP405508		
Sample Date		27 Sep 2023	13 May 2023		
Machine Hours		1815	1256		
Oil Hours		1000	0		
Oil Changed		Changed	Changed		
Sample Status		SEVERE	NORMAL		
OIL CONDITION					
Visc @ 40°C		= 177	m 120		
Visc @ 40°C	cSt	177	138		
VOLVO					
CONTAM	IINATION				
Silicon	ppm	42	1		
Sodium	ppm	■8	0		
Potassium	ppm	■3	□ <1		
		_	_		
WEAR M	IETALS				
Iron	ppm	3156	<1		
Copper	ppm	151	0		
Lead	ppm	2	□0		
Tin	ppm	■<1	- <1		
Aluminum	ppm	10	■0		
Chromium	ppm	37	0		
Molybdenum	ppm	■3	2		
Nickel	ppm	2	- <1		
Titanium	ppm	0	0		
Silver	ppm	0	0		
Manganese	ppm	■31	□0		
Vanadium	ppm	<1	0		
ADDITIV	ES				
Calcium	ppm	61	□32		
Magnesium	ppm	6	2 5		
Zinc	ppm	124	■40		
Phosphorus	ppm	711	445		
Barium	ppm	12	□0		
Boron	ppm	■<1	5		



BLAZE CONSTRUCTION 5640 ST JEAN ST DETROIT, MI

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F:

Diagnosis

The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Bearing and/or gear wear is indicated. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

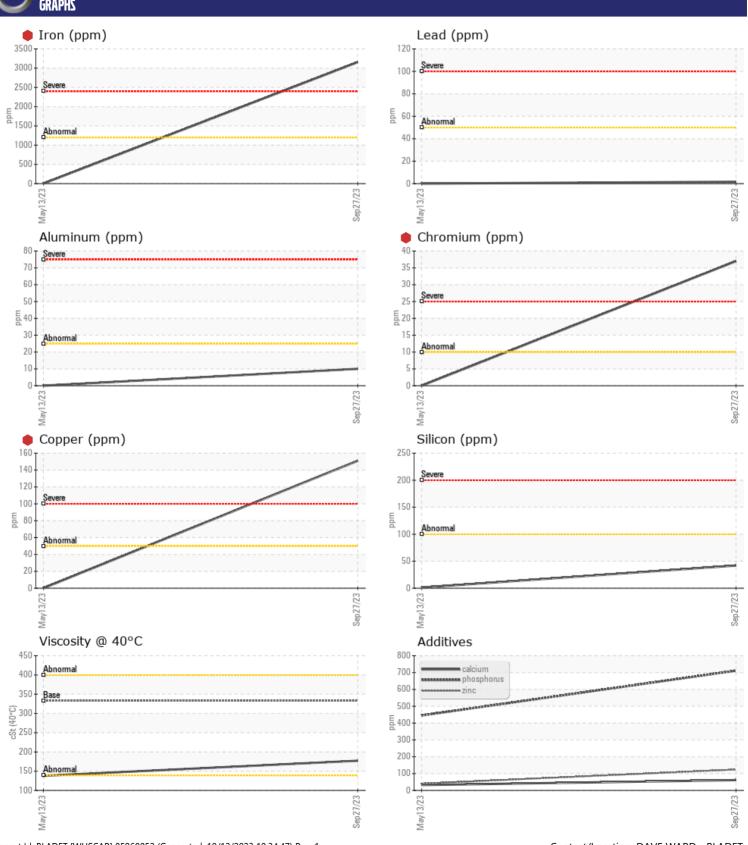
Depot: BLADET
Unique No: 10674603
Signed: Jonathan Hester
Report Date: 05 Oct 2023



CONSTRUCTION EQUIPMENT







Report Id: BLADET [WUSCAR] 05968052 (Generated: 10/12/2023 10:34:47) Rev: 1

Contact/Location: DAVE WARD - BLADET