

CONSTRUCTION EQUIPMENT

SPM660156 SENNEBOGEN 835ME 835.0.3070 - FRONT LEFT FINA

Sample No: VCP421626

Oil Type: GEAR OIL SAE 80W90

Job No: SPM660156

VOLVO					
SAMPLI	E INFORMATION				
Sample Number		VCP421626	VCP411405	VCP402116	
Sample Date		11 Jan 2024	11 Aug 2023	20 Mar 2023	
Machine Hours		3166	2080	1076	
Oil Hours		0	0	0	
Oil Changed		Changed	Changed	Changed	
Sample Status		ABNORMAL	ABNORMAL	ABNORMAL	
OIL CON	INITION				
Visc @ 40°C	cSt	171	<u>150</u>	□ 183	
VISC @ 40 C	CSL	171	<u> </u>	103	
VOLVO					
CONTAI	MINATION				
Water	%	NEG	NEG	NEG	
Silicon	ppm	14	4	■3	
Sodium	ppm	4	6	■8	
Potassium	ppm	■ <1	1	1	
WEAR !	METALS				
_		= 10 5	= 226	— 76	
Iron	ppm	■ 195	■ 226 ▲ 72	□76 • 75	
Copper	ppm	<u>▲</u> 56		<u>^</u> 75	
Lead	ppm		<1	0	
Aluminum	ppm	■ <1	0	0	
	ppm	3	3	3	
Chromium	ppm		1 <1	< 1	
Molybdenum Nickel	ppm	■ <1	0	■<1 ■<1	
Titanium	ppm	= 0 <1	<1	0	
Silver	ppm	0	0	0	
Manganese	ppm	■ 5	7	■8	
Vanadium		0	0	0	
variacium	ppm	U	U	U	
VOLVO					
ADDITIV	VEZ				
Calcium	ppm	1473	2 1	1 7	
Magnesium	ppm	■32	0	2	
Zinc	ppm	631	□ 56	■ 90	
Phosphorus	ppm	■976	■1018	■ 1245	
Barium	ppm	■39	□ 74	242	
D					



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Diagnosis

F:

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level is abnormal. All other component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot:BELBOUUnique No:10900229Signed:Jonathan HesterReport Date:29 Feb 2024

Contact/Location: M. POZAN - BELBOU

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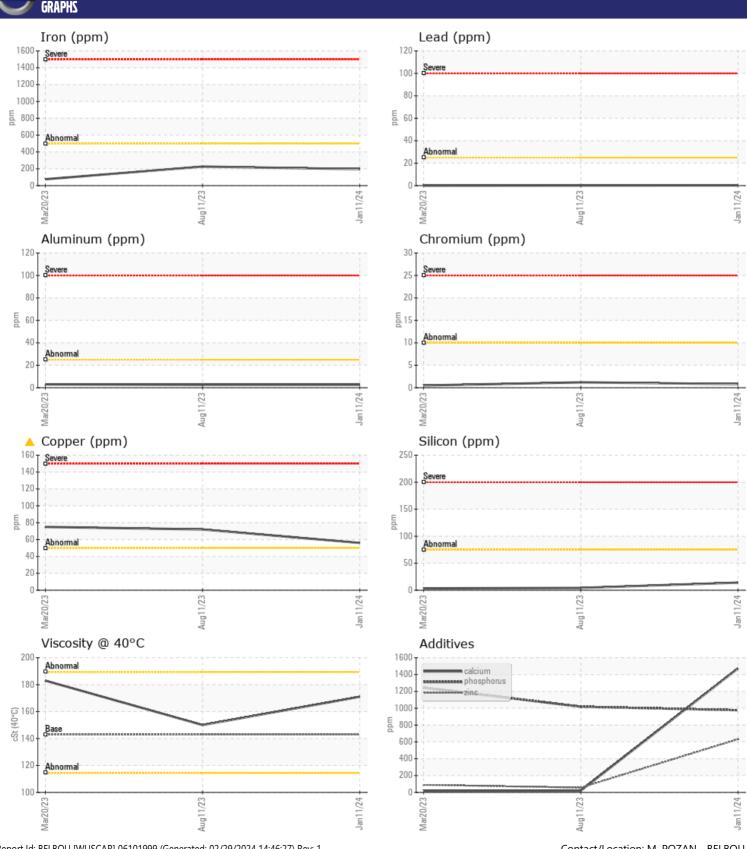
Boron



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Report Id: BELBOU [WUSCAR] 06101999 (Generated: 02/29/2024 14:46:27) Rev: 1

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