CONSTRUCTION EQUIPMENT 3017 VOLVO EC380EL 310195 - SWING DRIVE



Sample No: VCP382949

VOLVO

Oil Type:	VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No:	3017

SAMPLE INFORMATION



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Iron	ppm	187	196	
Copper	ppm	12	52	
Lead	ppm	 <1	 <1	
Tin	ppm		2	
Aluminum	ppm	2	<1	
Chromium	ppm	5	9	
Molybdenum	ppm	 <1	0	
Nickel	ppm	□<1	0	
Titanium	ppm	<1	0	
Silver	ppm	0	0	
Manganese	ppm	4	8	
Vanadium	ppm	0	0	

ADDITIVES							
Calcium	ppm	11	1				
Magnesium	ppm	1	0				
Zinc	ppm	17	33				
Phosphorus	ppm	1589	457				
Barium	ppm	0	0				
Boron	ppm	133	55				



LEONARDS CONTRACTING

30850 STEPHENSON HWY MADISON HEIGHTS, MI US 48071 Contact: LARRY SCHRADE larry.schrade@sdevelop.com T: (810)499-1953 F: x:

Diagnosis

Resample at the next service interval to monitor.All 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.

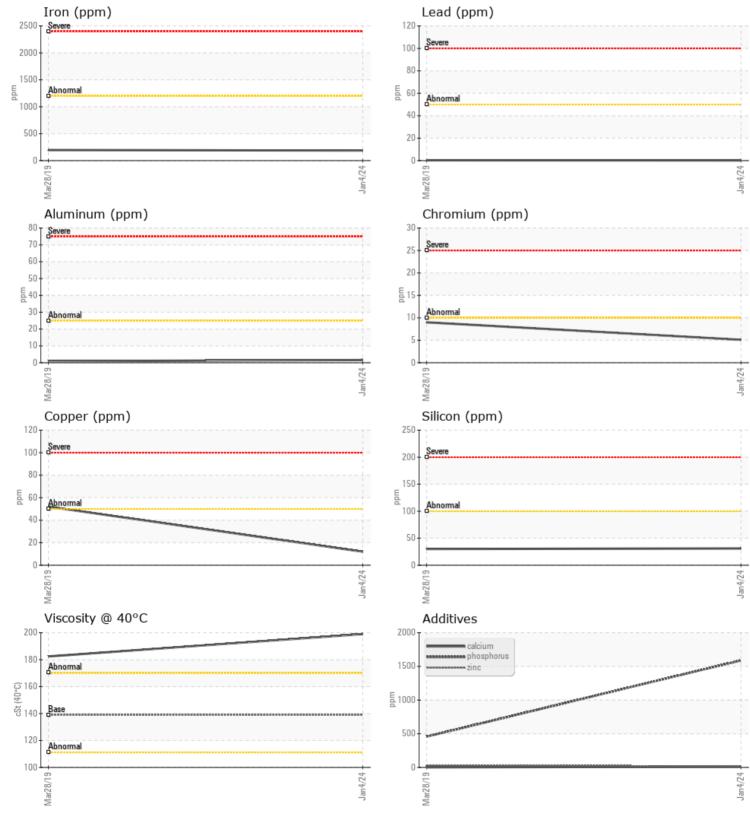
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CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: LARRY SCHRADE - LEOMAD