# 

HORST EXCAVATING VOLVO EC460CL 110503 - REAR RIGHT FINAL DRI

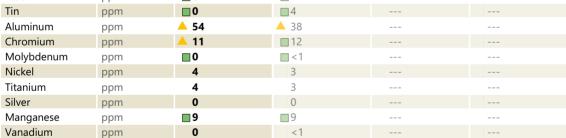
Sample No: VCP148656

VOLVO

Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5 Job No: HORST EXCAVATING

### SAMPLE INFORMATION

Sample Number		VCP148656	VCP135517		
Sample Date		18 Dec 2015	06 Apr 2012		
Machine Hours		3899	1163		
Oil Hours		0	1000		
Oil Changed		Not Changd	Changed		
Sample Status		ABNORMAL	ABNORMAL		
OIL CONDI	TION				
	-	· · · · · ·	-		
Visc @ 40°C	cSt	160.6	198.4		
VOLVO					
			4.65		
Silicon	ppm	<mark>/</mark> 268	<b>1</b> 65		
Sodium	ppm	8	18		
Potassium	ppm	20	13		
WEAR METALS					
WLAK ME	TALS				
Iron	ppm	<u> </u>	497		
Copper	ppm	<u> </u>	47		
Lead	ppm	6	6		



**ADDITIVES** 232 Calcium 103 ppm Magnesium 18 ppm 9 Zinc 101 77 ppm Phosphorus 882 960 ppm Barium 5 ppm 1 Boron ppm 99 55



#### HIGHWAY EQUIPMENT AND SUPPLY CO

200 BURKHOLDER DR. EPHRATA, PA US 17522 Contact: CHAD HERRON chad@hwyequip.com T: (717)859-3132 F: (717)859-2698

#### Diagnosis

We advise that you check all areas where dirt can enter the system. Resample at the next service interval to monitor.Moderate concentration of visible metal present. Bearing and/or gear wear is indicated. Elemental levels of silicon (Si) and aluminum (Al) indicate aluminasilicate (coarse dirt) ingress. The condition of the oil is acceptable for the time in service.

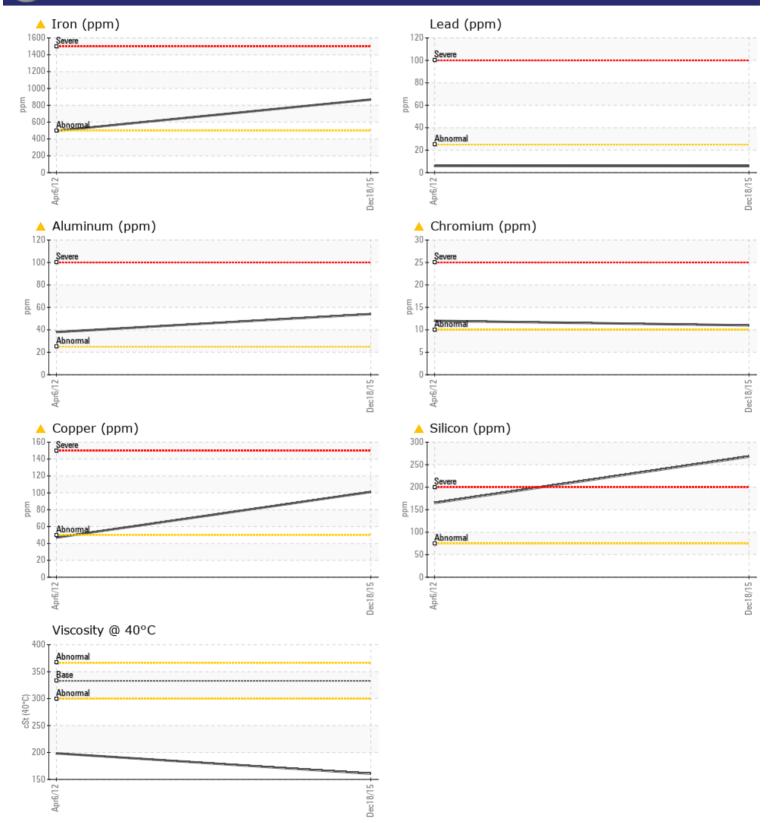
Depot:INSEPHUnique No:7255530Signed:Jonathan HesterReport Date:07 Jan 2016

### **CONSTRUCTION EQUIPMENT**



## GRAPHS

VOLVO



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