

CONSTRUCTION EQUIPMENT

X58251 VOLVO EC250ELR 310708 - REAR RIGHT FINAL DRIVE

Sample No: VCP413444 Oil Type: **NOT GIVEN** Job No: X58251

SAMPLE INFORMATION							
Sample Number	SAMPLE	INFORMATION	V				
Sample Date 11 Jul 2023 Machine Hours 2639 Oil Hours 0 Sample Status ABNORMAL OIL CONDITION Visc @ 40°C cSt 303 CONTAMINATION Sodium ppm 1 Sodium ppm 1 VERAMETALS Iron ppm 2 Verametals Iron ppm 2 Lead ppm 0 Lead ppm 13 Chromium ppm 10 Molyden	Sample Number		VCP413444				
Machine Hours 2639			11 Jul 2023				
Oil Changed N/A	•						
Sample Status	Oil Hours		0				
OIL CONDITION CONTAMINATION Silicon ppm	Oil Changed		N/A				
OIL CONDITION Visc @ 40°C CSt 303 <th< td=""><td>Sample Status</td><td></td><td>ABNORMAL</td><td></td><td></td><td></td></th<>	Sample Status		ABNORMAL				
OIL CONDITION Visc @ 40°C CSt 303 <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td></th<>							
Visc @ 40°C CSt 303 CONTAMINATION	OIL CONDITION						
CONTAMINATION Silicon ppm 90 90 90 90 90 90 90 9			303				
CONTAMINATION Silicon ppm	Visc & 10 C	CSC					
Solicon ppm ■ 1 Potassium ppm ■ 7 VOLVAN WEAR METALS Iron ppm ■ 561 Copper ppm ■ 2 Lead ppm ■ 0	VOLVO	INISTIAN					
Sodium		INA I IUN					
Potassium ppm 7 WEAR METALS Iron ppm 561 Copper ppm 0 Lead ppm 0 Aluminum ppm 13 Aluminum ppm 10 Molybdenum ppm 2 Nickel ppm <1		ppm	<u> </u>				
Iron		ppm					
Iron	Potassium	ppm	7				
Iron							
Copper ppm ■2 <	WEAR METALS						
Lead ppm □ 0 Tin ppm □ 1 Aluminum ppm △ 13 Chromium ppm △ 10 Molybdenum ppm 2 Nickel ppm 0 Silver ppm 0 Manganese ppm 7 Vanadium ppm 0 Magnesium ppm 0 Zinc ppm 22 Phosphorus ppm 961 Barium ppm 0		ppm					
Tin ppm Aluminum ppm ▲ 13 Chromium ppm ▲ 10 Molybdenum ppm 2 Nickel ppm <1		ppm					
Aluminum ppm ▲ 13 Chromium ppm ▲ 10 Molybdenum ppm 2 Nickel ppm <1		ppm					
Chromium ppm ▲ 10 Molybdenum ppm 2 Nickel ppm <1			_				
Molybdenum ppm 2 Nickel ppm <1							
Nickel ppm Image: strain of the point of the pick of the							
Titanium ppm <1							
Silver ppm 0 Manganese ppm 7 Vanadium ppm 0 ADDITIVES Calcium ppm 27 Magnesium ppm 0 Zinc ppm 22 Phosphorus ppm 961 Barium ppm 0							
Manganese ppm 7 Vanadium ppm 0 ADDITIVES Calcium ppm 27 Magnesium ppm 0 Zinc ppm 22 Phosphorus ppm 961 Barium ppm 0							
Vanadium ppm 0 ADDITIVES Calcium ppm 27 Magnesium ppm 0 Zinc ppm 22 Phosphorus ppm 961 Barium ppm 0							
ADDITIVES Calcium ppm 27 Magnesium ppm 0 Zinc ppm 22 Phosphorus ppm 961 Barium ppm 0							
ADDITIVES Calcium ppm 27 Magnesium ppm 0 Zinc ppm 22 Phosphorus ppm 961 Barium ppm 0	Vallaululli	ррпі	U				
Calcium ppm 27 Magnesium ppm 0 Zinc ppm 22 Phosphorus ppm 961 Barium ppm 0	VOLVO						
Magnesium ppm 0 Zinc ppm 22 Phosphorus ppm 961 Barium ppm 0	ADDITIV	52					
Zinc ppm 22 Phosphorus ppm 961 Barium ppm 0	Calcium	ppm	27				
Phosphorus ppm 961 Barium ppm 0	Magnesium	ppm	0				
Barium ppm 0	Zinc	ppm	22				
	Phosphorus	ppm	961				
Boron ppm 91	Barium	ppm	0				
	Boron	ppm	91				



SCOTT EQUIPMENT COMPANY LLC - Saint Rose PO BOX 997 SAINT ROSE, LA US 70087 Contact: DANA FOSHEE dfoshee@scottcompanies.com

T: (504)461-0961 F: (504)461-0970

Diagnosis

We advise that you check all areas where dirt can enter the system. Resample at the next service interval to monitor. 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: **SCOSAI Unique No:** 10560362 Signed: Don Baldridge Report Date: 17 Jul 2023



CONSTRUCTION EQUIPMENT





