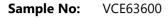


CONSTRUCTION EQUIPMENT
G59963 M-R LAND EXC VOLVO EC290 13229 - DIESEL ENGINE



Oil Type: **DIESEL ENGINE OIL SAE 15W40**

Job No: G59963 M-R LAND EXC

SAMPLE II	NFORMATION			
Sample Number	•	VCE63600	VCP53867	
Sample Date		11 Dec 2023	11 Jul 2006	
Machine Hours		12007	966	
Oil Hours		0	0	
Oil Changed		Not Changd	N/A	
Sample Status		NORMAL	NORMAL	
OIL CONDI	TION			
Visc @ 100°C	cSt	■13.8	□13.7	
Base Number (BN)	mg KOH/g	■8.8		
Oxidation (PA)	%	64	□ 55	
CONTAMI	NATION			
Water	%	NEG	NEG	
Soot %	%	■ 0.1	□ 0.1	
Nitration (PA)	%	55	1 0	
Sulfation (PA)	%	52	1 7	
Glycol	%	NEG	NEG	
Fuel	%	<1.0	<1.0	
Silicon	ppm	4	6	
Sodium	ppm	2	1	
Potassium	ppm	2	5	
WEAR ME	TALS			
Iron	ppm	■3	■8	
Copper	ppm	■ <1	- <1	
Lead	ppm	1	- <1	
Tin	ppm	■ <1	4	
Aluminum	ppm	■2	4	
Chromium	ppm	■<1	2	
Molybdenum	ppm	60	□ 65	
Nickel	ppm	■ 0	- <1	
Titanium	ppm	■ 0	0	
Silver	ppm	■0	0	
Manganese	ppm	■0	2	
Vanadium	ppm	<1	0	
ADDITIVE	2			

2707

454

1308

1194

0

■46



CHADWICK-BAROSS INC

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Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. No abnormal wear or visible metal detected. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

Depot: VOLVO0049 **Unique No:** 10795067 Signed: Don Baldridge Report Date: 21 Dec 2023

ppm

ppm

ppm

ppm

ppm

ppm

Calcium

Zinc

Barium

Boron

Magnesium

Phosphorus

1315

757

1335

1046

0

34



CONSTRUCTION EQUIPMENT





