

CONSTRUCTION EQUIPMENT 8973 VOLVO ECR88D 217540 - DIESEL ENGINE



Sample No: VCP423103

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No: 8973

VOLVO	NEODMATION				
	NFORMATION			<u>.</u>	_
Sample Number		VCP423103	VCP386410		
Sample Date		23 May 2023	27 Jan 2023		
Machine Hours		1024	666		
Oil Hours		0	0		
Oil Changed		Changed	Changed		
Sample Status		NORMAL	ABNORMAL		
OIL COND!	TION				
Visc @ 100°C	cSt	13.8	□13.6		
Base Number (BN)	mg KOH/g	7.7	6.2		
Oxidation (PA)	%	73	73		
Skiddion (171)	,,,		, 5		
VOLVO					
CONTAMIN	NATION				
Water	%	NEG	NEG		
Soot %	%	■ 0.3	□ 0.3		
Nitration (PA)	%	68	83		
Sulfation (PA)	%	64	62		
Glycol	%	NEG	NEG		
Fuel	%	<1.0	<1.0		
Silicon	ppm	7	1 1		
Sodium	ppm	3	4		
Potassium	ppm	1	- <1		
Otassiani	PPIII				
VOLVO					
WEAR ME	TALS				
lron	ppm	12	□27		
Copper	ppm	14	1 53		
_ead	ppm	■0	0		
Tin	ppm	■<1	1		
Aluminum	ppm	4	1 4		
Chromium	ppm	■<1	1		
Molybdenum	ppm	■87	1 16		
Nickel	ppm	■0	0		
Titanium	ppm	1	0		
Silver	ppm	O	0		
Manganese	ppm	■<1	2		
Vanadium	ppm	0	0		
Tundulum	PPIII		U		
VOLVO					
ADDITIVE:					
Calcium	ppm	1437	2308		
Magnesium	ppm	623	168		
Zinc	ppm	1254	■1056		
Phosphorus	ppm	1031	853		
- ·	ppiii	1051	000		



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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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

Depot: VOLVO0150 Unique No: 10492804 Signed: Wes Davis Report Date: 29 May 2023

0

254

ppm

ppm

Barium

Boron



CONSTRUCTION EQUIPMENT





