



EPY PATRICK/502575-5750 ONAN F140701998 - GENSET

Sample No: VPA059092

Oil Type: VOLVO VDS-4.5 Premium Motor Oil 15W40

SAMPLE INFORMAT	TION			
Sample Number		VPA059092	 	
Sample Date		06 Dec 2023	 	
Machine Hours		281	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	13.8	 	
Base Number (BN)	mg KOH/g	7.9	 	
Oxidation (PA)	%	54	 	
CONTAMINATION				
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Water	%	NEG	 	
Soot %	%	■0.1	 	
Nitration (PA)	%	67	 	
Sulfation (PA)	%	49	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	■ 7	 	
Sodium	ppm	■<1	 	
Potassium	ppm	2	 	
WEAR METALS				
Iron	nnm	■ 8	 	
Copper	ppm	■3	 	
Lead	ppm	■ <1	 	
Tin	ррт	0	 	
Aluminum	ppm	2	 	
Chromium	ppm	0	 	
Molybdenum	ppm	3	 	
Nickel	ppm	0	 	
Titanium	ppm	<1	 	
Silver	ppm	■0	 	
Manganese	ppm	■0	 	
Vanadium	ppm	0	 	
	РРП			
ADDITIVES				
Calcium	ppm	1441	 	
Magnesium	ppm	774	 	
Zinc	ppm	811	 	
Phosphorus	ppm	771	 	
Barium	ppm	■ 0	 	
Boron	ppm	98	 	

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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 acceptable for the time in service.

Depot:VP794951Unique No:10790943Signed:Don BaldridgeReport Date:19 Dec 2023

OIL ANALYSIS REPORT



