## **OIL ANALYSIS REPORT**

### CUMMINS NOT GIVEN VPA051793 (S/N NO INFO ON SIF/BOTTLE) - DIESEL ENGINE

Sample No: VPA051793

Oil Type: SCHAEFFER SUPREME 7000

### SAMPLE INFORMATION

Sample Number		VPA051793	 	
Sample Date		14 Sep 2023	 	
Machine Hours		2000	 	
Oil Hours		100	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	<b>14.4</b>	 	
Base Number (BN)	mg KOH/g	8.1	 	
Oxidation (PA)	%	64		
Unition (PA)	70	04	 	
. ,	%	64	 	
CONTAMINATION	70	04	 	
. ,	%	04	 	
CONTAMINATION				
CONTAMINATION Soot %	%	0.2	 	
CONTAMINATION Soot % Nitration (PA)	%	■ 0.2 52	 	
CONTAMINATION Soot % Nitration (PA) Sulfation (PA)	% % %	0.2 52 55	 	
CONTAMINATION Soot % Nitration (PA) Sulfation (PA) Glycol	% % %	0.2 52 55 NEG	 	
CONTAMINATION Soot % Nitration (PA) Sulfation (PA) Glycol Fuel	% % % %	0.2 52 55 NEG <1.0	 	

#### WEAR METALS

Iron	ppm	<b>15</b>	 	
Copper	ppm	38	 	
Lead	ppm	0	 	
Tin	ppm	■<1	 	
Aluminum	ppm	7	 	
Chromium	ppm	<b></b> <1	 	
Molybdenum	ppm	8	 	
Nickel	ppm	<b>1</b>	 	
Titanium	ppm	<b></b> <1	 	
Silver	ppm	0	 	
Manganese	ppm	<b></b> <1	 	
Vanadium	ppm	0	 	

#### ADDITIVES

Calcium	ppm	2270	 	
Magnesium	ppm	56	 	
Zinc	ppm	<b>1237</b>	 	
Phosphorus	ppm	<b>1035</b>	 	
Barium	ppm	0	 	
Boron	ppm	209	 	

#### Edward's Marine and Sons

12741 Sunset Ave OCEAN CITY, MD US 21842 Contact: Edward Bartholme edwardsmarine@comcast.net;canastasio@wearcheckusa.com T: E:

### 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:
 VP551029

 Unique No:
 10648348

 Signed:
 Sean Felton

 Report Date:
 19 Sep 2023

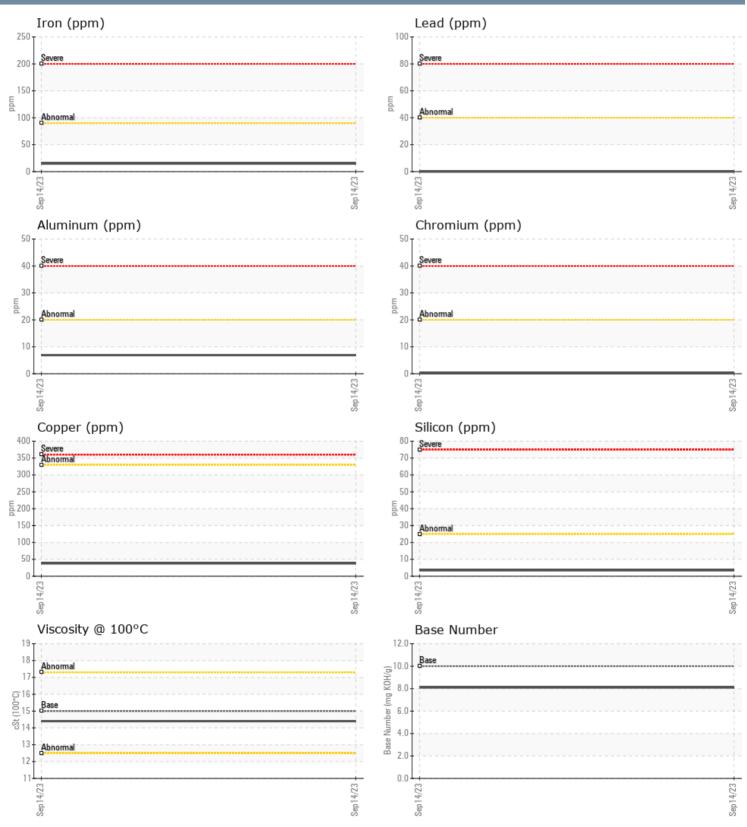
Contact/Location: Edward Bartholme - VP551029



# **OIL ANALYSIS REPORT**



#### GRAPHS



Report Id: VP551029 [WUSCAR] 05952389 (Generated: 09/21/2023 06:19:07) Rev: 1

Contact/Location: Edward Bartholme - VP551029