OIL ANALYSIS REPORT

VOLVO PENTA A440694 - CENTER LEFT DIESEL ENGINE

Sample No: VPA053340

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

Sample Date Additional	n KOH/g m m	25 Apr 2024 1758 80 Not Changd NORMAL 13.0 10.2 55 NEG 0.3 48 52 NEG <1.0 7 1 1	۰۰۰ ۰۰۰	FDDA FT PIERCE - POWER FORT PIERCE, FL US Contact: KYLE GRASER k.graser@kirbycorp.com T: F: Diagnosis Resample at the next servit to monitor.All component are normal. There is no ind any contamination in the corresult indicates that there i alkalinity remaining in the condition of the oil is accept the time in service.
Dil Hours Dil Changed Sample Status OIL CONDITION Visc @ 100°C cSt Base Number (BN) mg Dxidation (PA) % CONTAMINATION Water % Soot % % Nitration (PA) % Sulfation (PA) % Sulfati	n KOH/g m m	80 Not Changd NORMAL 13.0 10.2 55 NEG 0.3 48 52 NEG <1.0 7 1		US Contact: KYLE GRASER k.graser@kirbycorp.com T: F: Diagnosis Resample at the next service to monitor.All component are normal. There is no ind any contamination in the or result indicates that there i alkalinity remaining in the condition of the oil is acception
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Soot % % Nitration (PA) % Sulfation (PA) % Sulfation (PA) % Fuel % Silicon ppr Sodium ppr Potassium ppr WEAR METALS ron ppr Copper ppr Lead ppr Lead ppr Aluminum ppr Chromium ppr	m	0.3 48 52 NEG <1.0 7 1		any contamination in the c result indicates that there i alkalinity remaining in the condition of the oil is acce
Soot % % Nitration (PA) % Sulfation (PA) % Sulfation (PA) % Fuel % Silicon ppr Sodium ppr Potassium ppr WEAR METALS ron ppr Copper ppr Lead ppr Lead ppr Aluminum ppr Chromium ppr	m	0.3 48 52 NEG <1.0 7 1		 result indicates that there i alkalinity remaining in the condition of the oil is acce
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Sulfation (PA) % Glycol % Fuel % Silicon ppr Sodium ppr Potassium ppr WEAR METALS ron ppr Copper ppr Lead ppr Fin ppr Aluminum ppr Chromium ppr	m	52 NEG <1.0 7 1	 	 condition of the oil is acce
Glycol % Fuel % Solicon ppr Sodium ppr Potassium ppr WEAR METALS ron ppr Copper ppr Lead ppr Aluminum ppr Chromium ppr	m	NEG <1.0 7 1	 	 the time in service.
Fuel % Silicon ppr Sodium ppr Potassium ppr WEAR METALS ron ppr Copper ppr Lead ppr fin ppr Aluminum ppr Chromium ppr	m	<1.0 7 1	 	
Silicon ppr Sodium ppr Potassium ppr WEAR METALS ron ppr Copper ppr Lead ppr fin ppr Aluminum ppr Chromium ppr	m	■7 ■1		
Sodium ppr Potassium ppr WEAR METALS ron ppr Copper ppr Lead ppr fin ppr Aluminum ppr Chromium ppr	m	1		
Potassium ppr WEAR METALS ron ppr Copper ppr Lead ppr fin ppr Aluminum ppr Chromium ppr				
ron ppi Copper ppi Lead ppi Tin ppi Aluminum ppi Chromium ppi				
ron ppi Copper ppi Lead ppi Tin ppi Aluminum ppi Chromium ppi				
Copper ppi Lead ppi Tin ppi Aluminum ppi Chromium ppi	m	1 4	 	
Lead ppr Fin ppr Aluminum ppr Chromium ppr		3	 	
Tin ppr Aluminum ppr Chromium ppr		1	 	
Aluminum ppr Chromium ppr		□<1	 	
Chromium ppr		2	 	
		□ <1	 	
		59	 	
Nickel ppr		0	 	
Fitanium ppr		0	 	
Silver pp			 	
Vanganese ppr		□ <1	 	
/anadium ppr		0	 	
ADDITIVES				
Calcium ppr	m	1058	 	
Magnesium ppi		956	 	
Zinc ppr		1253	 	
Phosphorus ppr		1054	 	
Barium ppi			 	
Boron ppr		2	 	 Depot: VP208659
		_		Unique No: 11016889

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Contact/Location: KYLE GRASER - VP208659

08 May 2024

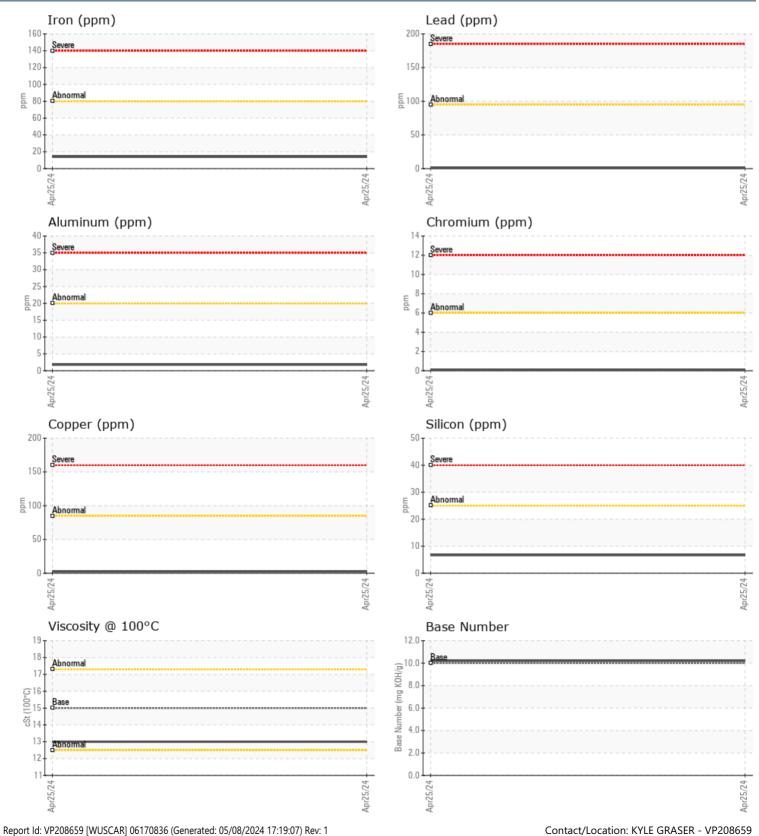
Report Date:



OIL ANALYSIS REPORT



GRAPHS



Contact/ Location. KTLE GRASER - VFZ