OIL ANALYSIS REPORT

MCCLOSKEY 91511 - DIESEL ENGINE

Sample No: VPA040777

Oil Type: DIESEL ENGINE OIL SAE 40

Sample Number		VPA040777	VPA255504	
Sample Date		06 Jul 2023	10 Aug 2021	
Machine Hours		3016	1378	
Oil Hours		1000	300	
Oil Changed		Changed	Changed	
Sample Status		NORMAL	SEVERE	
Sample Status		NORMAL	SEVERE	
OIL CONDITION				
Visc @ 100°C	cSt	12.7	17.2	
Base Number (BN)	mg KOH/g	8.9		
Oxidation (PA)	%	77	223	
CONTAMINATION				
Water	%		0.214	
Soot %	%		0.214	
Nitration (PA)	%	73	179	
Sulfation (PA)	%	68	109	
Glycol	%	NEG	NEG	
Fuel	%	<1.0	<1.0	
Silicon			< 1.0	
Sodium	ppm	■18 ■2	4	
Potassium	ppm	2	2	
Fotassium	ppm	 Z		
WEAR METALS				
Iron	ppm	8	9332	
Copper	ppm	23	107	
Lead	ppm	0	<1	
Tin	ppm	0	1	
Aluminum	ppm	6	A 35	
Chromium	ppm	0	10	
Molybdenum	ppm	175	133	
Nickel	ppm	0	12	
Titanium	ppm	0	<1	
Silver	ppm		5	
Manganese	ppm	0	4	
Vanadium	ppm	0	<1	
ADDITIVES				
Calcium	ppm	2088	1765	
Magnesium	ppm	890	757	
Zinc	ppm	1101	1001	
Phosphorus	ppm	896	797	
Barium	ppm	■ 13		
Boron	ppm	472	257	



MCCOURT & SONS EQUIPMENT INC

5141 HWY 71 W LA GRANGE, TX US 78945 Contact: WAYNE BESEDA wklesel@mccourtandsons.com T: (979)242-5298 F:

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:
 VP1121775

 Unique No:
 10551645

 Signed:
 Don Baldridge

 Report Date:
 13 Jul 2023

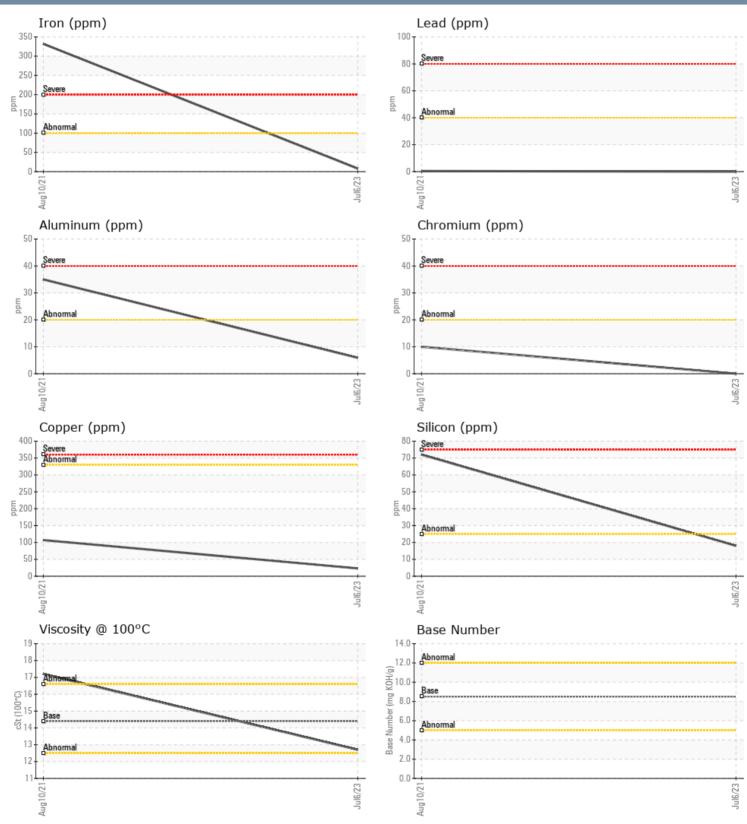
Report Id: VP1121775 [WUSCAR] 05895835 (Generated: 07/23/2023 17:19:13) Rev: 1

Contact/Location: WAYNE BESEDA - VP1121775

OIL ANALYSIS REPORT







Report Id: VP1121775 [WUSCAR] 05895835 (Generated: 07/23/2023 17:19:15) Rev: 1

Contact/Location: WAYNE BESEDA - VP1121775