

Machine Id **111 - NEW WAY TRUCKING** Component **Diesel Engine** Fluid **MOBIL DELVAC 1300 SUPER15W40 (--- QTS)**

RECOMMENDATION

We advise that you check for faulty combustion, plugged air filters, or aftercoolers. We advise that you check the air filter, air induction system, and any areas where dirt may enter the component. Oil and filter change at the time of sampling has been noted. We recommend an early resample to monitor this condition. NOTE: High solids (carbon/soot) in the sample have limited the accuracy of Infra-Red data including Total Base Number (TBN) value.

WEAR

All component wear rates are normal.

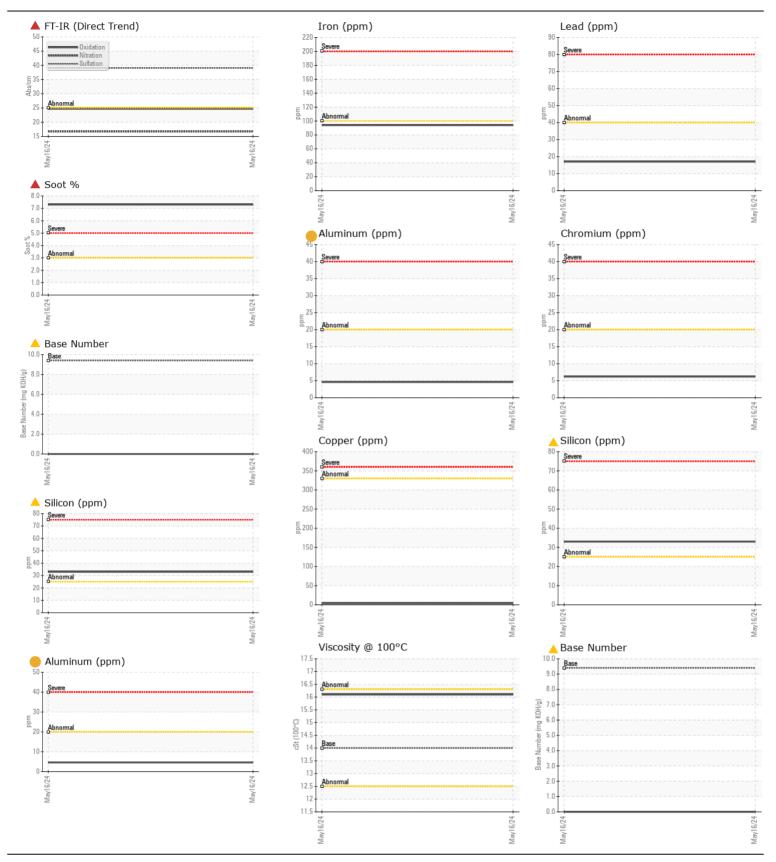
CONTAMINATION

There is an abnormal amount of solids and carbon present in the oil. Elemental levels of silicon (Si) and aluminum (AI) indicate aluminasilicate (coarse dirt) ingress. Light fuel dilution occurring.

Test UOM Method Limit/An Current History1 History2 Sample Number Client Info IF0001281 Sample Date Client Info 16 May 2024 Machine Age mls Client Info 20000 Oil Age mls Client Info 20000 Oil Changed Client Info Changed Filter Age mls Client Info Changed Sample Status SEVERE Iron ppm ASTM 05185m<>44 <1 Silver ppm ASTM 05185m<>40 0 Silver ppm ASTM 05185m<>40 17 Copper ppm ASTM 05185m<>30 4 Vanadium ppm ASTM 05185m<>20 2							~		
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Base Number (BN) mg KOH/g ASTM D2896 9.4 4 0.0		Sulfur	ppm	ASTM D5185m			3215		
		Oxidation	Abs/.1mm	*ASTM D7414	>25		24.7		
Visc @ 100°C cSt ASTM D445 14 16.1 /		Base Number (BN)	mg KOH/g	ASTM D2896	9.4		0.0		
		Visc @ 100°C	cSt	ASTM D445	14		16.1		

FLUID CONDITION

The BN level is low. The oil is no longer serviceable due to the presence of contaminants.



CROSSROADS TRUCK EQUIP. Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 Sample No. Received : LF0001281 : 21 May 2024 816 T ST. : 24 May 2024 Lab Number : 06185840 Tested BEDFORD, IN Unique Number : 11042592 : 24 May 2024 - Don Baldridge US 47421 Diagnosed Test Package : MOB 1 (Additional Tests: FuelDilution, PercentFuel, TBN) Contact: K. TINCHER Certificate L2367 ktincher@ctemailus.com To discuss this sample report, contact Customer Service at 1-800-237-1369. * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: (812)583-4091 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (812)277-0846

Contact/Location: K. TINCHER - CROBED Page 2 of 2