



# OIL | FUEL | COOL SCAN

Bureau Veritas Oil Condition Monitoring | 2450 Hassell Rd, Hoffman Estates, IL  
800-222-0071

**United Ag & Turf**      Lab No.:                      **0005**                      **Report Date:**                      **11/13/2023**  
**Jamie Hendricks Wilks**      Logged Date:                      **11/02/2023**                      Record Ref. #:                      **9904242**  
**875 Henry Hynds**      Sample Drawn:                      **10/24/2023**  
**Expressway**  
**Van Alstyne TX -**

Unit ID:                      **1T0333GMALF384723**                      Unit Manufacturer:                      **DEERE**  
Sample ID:                      **DIESEL FUEL SAMPLE**                      Unit Model:  
Unit Worksite:                      PO No.:  
From:                      **United Ag & Turf - JDA Tyler,**  
   **TX**

Test	TESTING PERFORMED:	MEASURED FOR
	Result	Sample 0005
Viscosity @ 40°C	V40	2.8
ASTM D1298-API Gravity @ 60°F	API	36.0
Cetane Index	Cetane Index	50.7
Flash Point	Flash Point	141
Cloud Point	Cloud Point	18
Distillation	Initial Boiling Point	336
Distillation	5% Temp	388
Distillation	10% Temp	413
Distillation	20% Temp	446
Distillation	30% Temp	475
Distillation	40% Temp	502
Distillation	50% Temp	528
Distillation	60% Temp	554
Distillation	70% Temp	581
Distillation	80% Temp	607
Distillation	90% Temp	635
Distillation	95% Temp	658
Distillation	End Point	670
Distillation	Residue	1.4
Distillation	Loss	0.2
Micro-Organism Culture	Pos/Neg	NEG

Test	TESTING PERFORMED:	MEASURED FOR
	Result	Sample 0005
Micro-Organism Culture	Bacteria	NEG
Micro-Organism Culture	Fungi	NEG
Micro-Organism Culture	Yeast	NEG
ASTM D1298 - Specific Gravity	Specific Gravity	0.8443
Sulfur Content	Sulfur1	14.0
Base Sediment and Water	Water and Sediment	<0.05
Spectrochemical Analysis ppm	Iron	<1
Spectrochemical Analysis ppm	Nickel	<1
Spectrochemical Analysis ppm	Aluminum	<1
Spectrochemical Analysis ppm	Lead	<1
Spectrochemical Analysis ppm	Copper	<1
Spectrochemical Analysis ppm	Vanadium	<1
Spectrochemical Analysis ppm	Silicon	<1
Spectrochemical Analysis ppm	Sodium	<1
Spectrochemical Analysis ppm	Boron	<1
Spectrochemical Analysis ppm	Phosphorus	<1
Spectrochemical Analysis ppm	Zinc	<1
Spectrochemical Analysis ppm	Calcium	<1
Spectrochemical Analysis ppm	Barium	<1
Spectrochemical Analysis ppm	Magnesium	<1

**Maintenance Recommendations for Lab No.: 0005**  
VALUES ARE ACCEPTABLE FOR THE TESTS PERFORMED.

Respectfully Submitted,

Stephen Kullas - Data Analyst  
JOHN DEERE PROGRAM