

Elite Diesel Service LLC
Joe Lizotte
2103 Anders Lane
Kemah

Unit ID: **ALL TALK**

Unit Worksite:

Comp. Ref. NO.: **6222072**

Component Type: **TRANSMISSION**

Component: **PORT GEAR**

Unit Manufacturer and Model: **Unknown/Unspecified UNSPECIFIED**

Oil Type: **Please Provide**

Component Manufacturer and Model: **TWIN DISC -**

Component Serial Number:

Maintenance Recommendations for Lab No. 201410270607

Reported On: Oct 27 2014

From: Elite Diesel Service, Llc - Kemah, TX

ANALYSIS INDICATES ABNORMAL COMPONENT CONDITIONS! NOTED ELEMENTS are generally associated with: Clutch or disc wear. CHECK for rough shifting, unusual noise or abnormal vibration. CHANGE OIL if not already performed. RESAMPLE at the next scheduled interval. PLEASE PROVIDE component information (make/model, oil type, etc.). PLEASE PROVIDE the time since last oil change.

SPECTROCHEMICAL ANALYSIS IN PARTS PER MILLION

EVAL ID	Iron	Chromium	Nickel	Aluminum	Lead	Copper	Tin	Silver	Titanium	Silicon	Boron	Sodium	Potassium	Molybdenum	Phosphorus	Zinc	Calcium	Barium	Magnesium	Antimony	Vanadium	Sample Drawn
0607	19	<1	<1	<1	461*	343*	<1	0.1	<1	2	4	73	<10	<5	879	949	2016	<10	8	<30	<1	-

SAMPLE INFORMATION

PHYSICAL TEST RESULTS

LAB NO.	MI/HR Unit	MI/HR Oil	Oil Add	FLTR CHG	Oil CHG	Water %	Viscosity 40 °C
0607	2839	0	0	-	-	<0.1	124.8

Notice: This analysis is intended as an aid in predicting mechanical wear. Test results, maintenance recommendations and accuracy are affected by customer-provided samples, equipment identification and maintenance history. No guarantee, expressed or implied, is made against failure of this piece of equipment or a component thereof. The ultimate responsibility for the maintenance of this piece of equipment and all of its components is the responsibility of the equipment owner.

N/R = Test not performed

Elite Diesel Service LLC
Joe Lizotte
2103 Anders Lane
Kemah

Unit ID: **ALL TALK**

Unit Worksite:

Comp. Ref. NO.: **6222071**

Component Type: **TRANSMISSION**

Component: **STBD GEAR**

Unit Manufacturer and Model: **Unknown/Unspecified UNSPECIFIED**

Oil Type: **Please Provide**

Component Manufacturer and Model: **TWIN DISC -**

Component Serial Number:

Maintenance Recommendations for Lab No. 201410270606

Reported On: Oct 27 2014

From: Elite Diesel Service, Llc - Kemah, TX

TEST RESULTS DO NOT INDICATE / REFLECT ANY ABNORMAL CONDITIONS (Based on the information provided). However, interpretation is limited due a lack of complete information. PLEASE PROVIDE the following info: Component mfg./model, oil data (Mfg. brand & grade), and operating times. RESAMPLE at the next scheduled interval.

SPECTROCHEMICAL ANALYSIS IN PARTS PER MILLION

EVAL ID	Iron	Chromium	Nickel	Aluminum	Lead	Copper	Tin	Silver	Titanium	Silicon	Boron	Sodium	Potassium	Molybdenum	Phosphorus	Zinc	Calcium	Barium	Magnesium	Antimony	Vanadium	Sample Drawn
0606	39	1	<1	1	3	40	<1	<0.1	<1	39	120	5	<10	80	1106	1307	2018	<10	211	<30	<1	-

SAMPLE INFORMATION

PHYSICAL TEST RESULTS

LAB NO.	MI/HR Unit	MI/HR Oil	Oil Add	FLTR CHG	Oil CHG	Water %	Viscosity 40 °C
0606	2839	0	0	-	-	<0.1	84.8

Notice: This analysis is intended as an aid in predicting mechanical wear. Test results, maintenance recommendations and accuracy are affected by customer-provided samples, equipment identification and maintenance history. No guarantee, expressed or implied, is made against failure of this piece of equipment or a component thereof. The ultimate responsibility for the maintenance of this piece of equipment and all of its components is the responsibility of the equipment owner.

N/R = Test not performed

Elite Diesel Service LLC
Joe Lizotte
2103 Anders Lane
Kemah

Unit ID: **ALL TALK**

Unit Worksite:

Comp. Ref. NO.: **6222030**

Component Type: **ENGINE**

Component: **PORT ENGINE**

Unit Manufacturer and Model: **Unknown/Unspecified UNSPECIFIED**

Oil Type: **Please Provide**

Component Manufacturer and Model: **Cummins 6CTA**

Component Serial Number:

Maintenance Recommendations for Lab No. 201410270605

Reported On: Oct 27 2014

From: Elite Diesel Service, LLC - Kemah, TX

TEST RESULTS DO NOT INDICATE / REFLECT ANY ABNORMAL CONDITIONS (Based on the information provided). However, interpretation is limited due a lack of complete information. PLEASE PROVIDE the following info: Component mfg./model, oil data (Mfg. brand & grade), and operating times. RESAMPLE at the next scheduled interval.

SPECTROCHEMICAL ANALYSIS IN PARTS PER MILLION

EVAL ID	Iron	Chromium	Nickel	Aluminum	Lead	Copper	Tin	Silver	Titanium	Silicon	Boron	Sodium	Potassium	Molybdenum	Phosphorus	Zinc	Calcium	Barium	Magnesium	Antimony	Vanadium	Sample Drawn
0605	39	2	<1	2	1	9	<1	<0.1	<1	7	36	5	<10	<5	1052	1241	2292	<10	9	<30	<1	-

SAMPLE INFORMATION

PHYSICAL TEST RESULTS

LAB NO.	MI/HR Unit	MI/HR Oil	Oil Add	FLTR CHG	Oil CHG	Viscosity 100 °C	Visc Grade	Soot	GLY Test	Water %	Fuel %
0605	2240	0	0	-	-	15.2	40	<0.1	NEG	<0.1	<1.0

Elite Diesel Service LLC
Joe Lizotte
2103 Anders Lane
Kemah

Unit ID: **ALL TALK**

Unit Worksite:

Comp. Ref. NO.: **6222029**

Component Type: **ENGINE**

Component: **STBD ENGINE**

Unit Manufacturer and Model: **Unknown/Unspecified UNSPECIFIED**

Oil Type: **Please Provide**

Component Manufacturer and Model: **Yanmar -**

Component Serial Number:

Maintenance Recommendations for Lab No. 201410270604

Reported On: Oct 27 2014

From: Elite Diesel Service, Llc - Kemah, TX

ANALYSIS INDICATES TYPICAL CONDITIONS FOR BREAK-IN. The noted values (underlined) are for monitoring purposes only. CHANGE the OIL and FILTER(s) if not already performed. Assure continued routine sampling at the next scheduled interval. PLEASE PROVIDE the time since last oil change. PLEASE PROVIDE component information (make/model, oil type, etc.).

SPECTROCHEMICAL ANALYSIS IN PARTS PER MILLION

EVAL ID	Iron	Chromium	Nickel	Aluminum	Lead	Copper	Tin	Silver	Titanium	Silicon	Boron	Sodium	Potassium	Molybdenum	Phosphorus	Zinc	Calcium	Barium	Magnesium	Antimony	Vanadium	Sample Drawn
0604	<u>157*</u>	<u>14*</u>	<1	<u>43*</u>	4	<u>137*</u>	8	13.3	<1	20	33	22	<10	<5	971	1177	2291	<10	81	<30	<1	-

SAMPLE INFORMATION

PHYSICAL TEST RESULTS

LAB NO.	MI/HR Unit	MI/HR Oil	Oil Add	FLTR CHG	Oil CHG	Viscosity 100 °C	Visc Grade	Soot	GLY Test	Water %	Fuel %
0604	18	0	0	-	-	13.7	40	<0.1	NEG	<0.1	<1.0

Notice: This analysis is intended as an aid in predicting mechanical wear. Test results, maintenance recommendations and accuracy are affected by customer-provided samples, equipment identification and maintenance history. No guarantee, expressed or implied, is made against failure of this piece of equipment or a component thereof. The ultimate responsibility for the maintenance of this piece of equipment and all of its components is the responsibility of the equipment owner.

N/R = Test not performed