

Machine Id  
**1995 FORD FORD PSD**  
Component  
**Diesel Engine**  
Fluid  
**TUNE IT VAS-Y SUPER TECH SAE 15W40 (14 QTS)**

**RECOMMENDATION**

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>LF501961</b>	LF501953	LF501964
Sample Date		Client Info		<b>09 Sep 2022</b>	22 Apr 2018	21 Dec 2017
Machine Age	mls	Client Info		<b>0</b>	0	0
Oil Age	mls	Client Info		<b>1068</b>	7337	6800
Filter Age	mls	Client Info		<b>1068</b>	7337	6800
Oil Changed		Client Info		<b>Changed</b>	Changed	Changed
Filter Changed		Client Info		<b>N/A</b>	N/A	N/A
Sample Status				<b>NORMAL</b>	ABNORMAL	ABNORMAL

**WEAR**

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>100	<b>12</b>	15	10
Chromium	ppm	ASTM D5185(m)	>20	<b>0</b>	1	<1
Nickel	ppm	ASTM D5185(m)	>4	<b>&lt;1</b>	1	<1
Titanium	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	<1
Silver	ppm	ASTM D5185(m)	>3	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185(m)	>20	<b>2</b>	2	1
Lead	ppm	ASTM D5185(m)	>40	<b>2</b>	1	<1
Copper	ppm	ASTM D5185(m)	>330	<b>3</b>	3	1
Tin	ppm	ASTM D5185(m)	>15	<b>&lt;1</b>	<1	<1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	<1	<1

**CONTAMINATION**

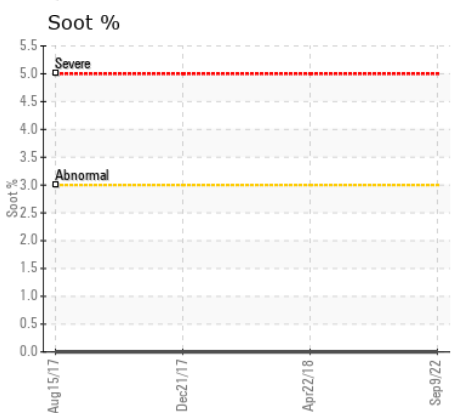
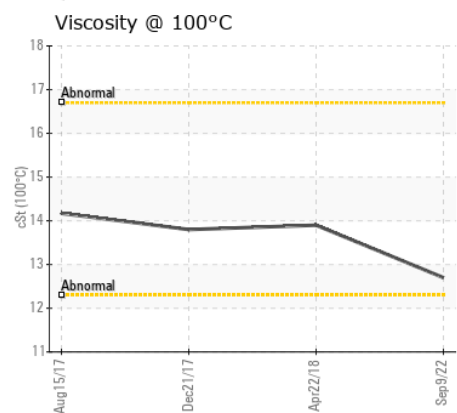
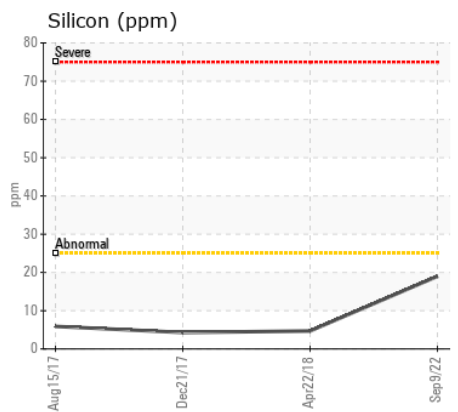
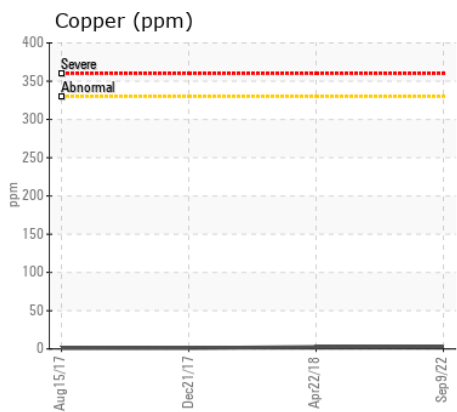
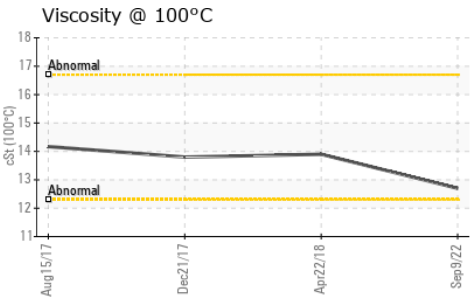
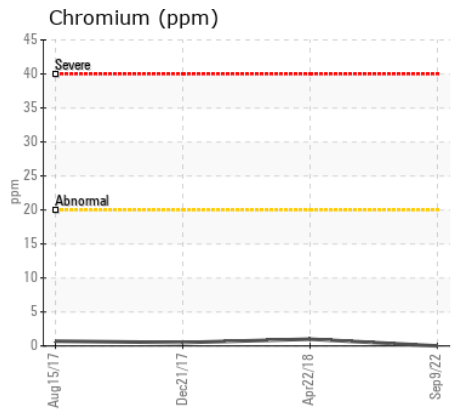
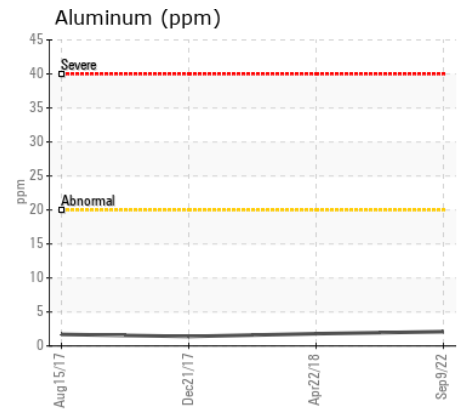
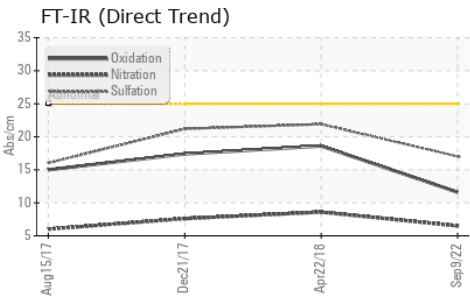
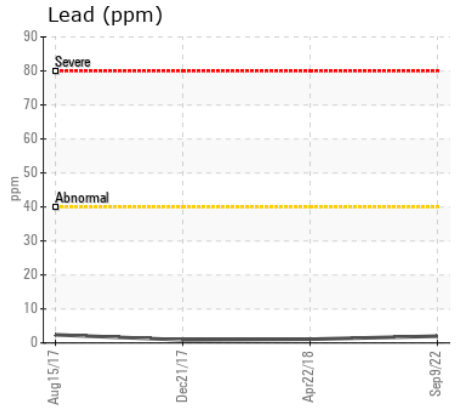
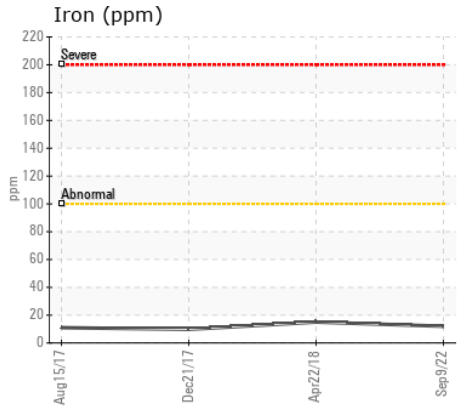
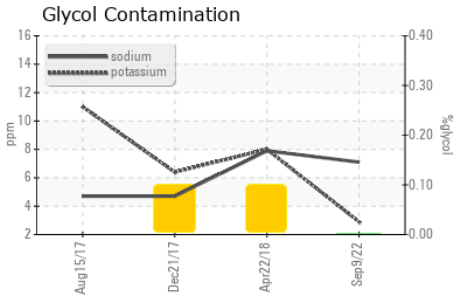
Test for glycol is negative. There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185(m)	>25	<b>19</b>	5	4
Potassium	ppm	ASTM D5185(m)	>20	<b>3</b>	▲ 8	▲ 6
Fuel		WC Method	>2.0	<b>&lt;1.0</b>	<1.0	<1.0
Water		WC Method	>0.2	<b>NEG</b>	NEG	NEG
Glycol	%	ASTM D7922*		<b>0.0</b>	▲ 0.10	▲ 0.10
Soot %	%	ASTM D7844*	>3	<b>0</b>	0	0
Nitration	Abs/cm	ASTM D7624*	>20	<b>6.5</b>	8.6	7.6
Sulfation	Abs/.1mm	ASTM D7415*	>30	<b>17.0</b>	21.9	21.2
Emulsified Water	scalar	Visual*	>0.2	<b>NEG</b>	NEG	NEG

**FLUID CONDITION**

The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185(m)		<b>7</b>	8	5
Boron	ppm	ASTM D5185(m)		<b>40</b>	160	154
Barium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185(m)		<b>47</b>	3	2
Manganese	ppm	ASTM D5185(m)		<b>&lt;1</b>	0	0
Magnesium	ppm	ASTM D5185(m)		<b>99</b>	15	15
Calcium	ppm	ASTM D5185(m)		<b>2044</b>	2334	2269
Phosphorus	ppm	ASTM D5185(m)		<b>1094</b>	1024	981
Zinc	ppm	ASTM D5185(m)		<b>1084</b>	1208	1194
Sulfur	ppm	ASTM D5185(m)		<b>3010</b>	3061	3010
Oxidation	Abs/.1mm	ASTM D7414*	>25	<b>11.6</b>	18.6	17.4
Visc @ 100°C	cSt	ASTM D7279(m)		<b>12.7</b>	13.9	13.8



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : LF501961 **Received** : 13 Sep 2022  
**Lab Number** : 02510365 **Tested** : 15 Sep 2022  
**Unique Number** : 5451335 **Diagnosed** : 15 Sep 2022 - Kevin Marson  
**Test Package** : MOB 1

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To discuss this sample report, contact Customer Service at 1-800-268-2131.  
 Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab.  
 Validity of results and interpretation are based on the sample and information as supplied.