

Machine Id
FORD FORD F150
Component
Gasoline Engine
Fluid
PHILLIPS 66 5W30 (--- LTR)

RECOMMENDATION

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

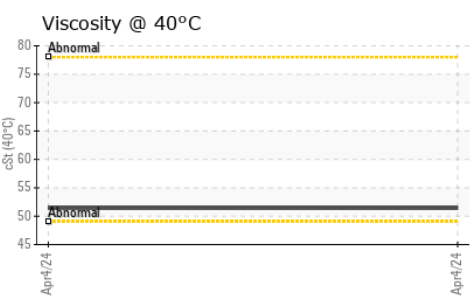
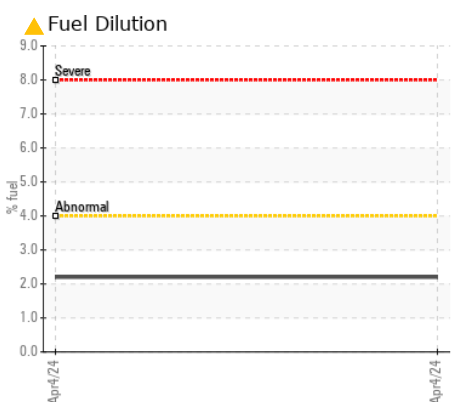
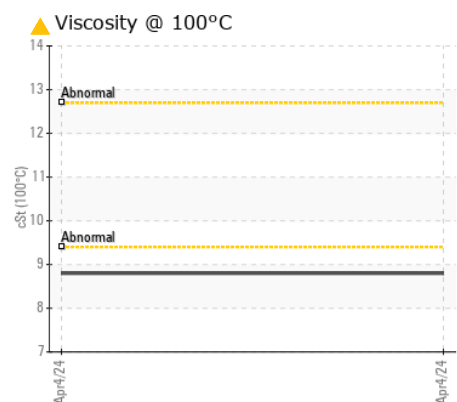
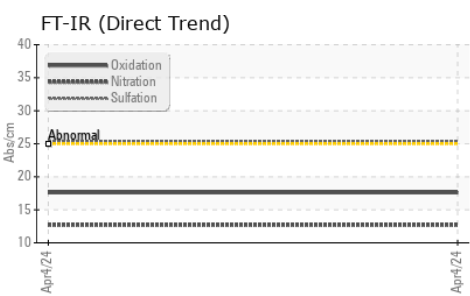
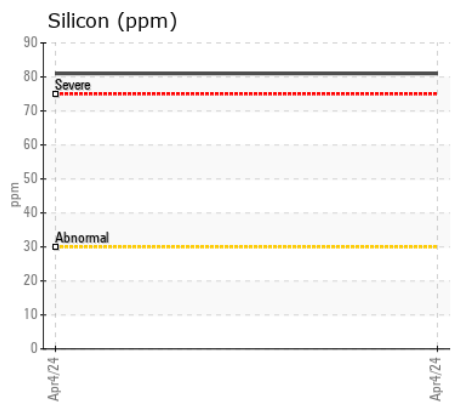
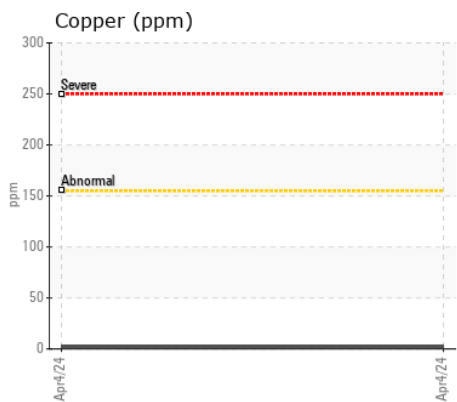
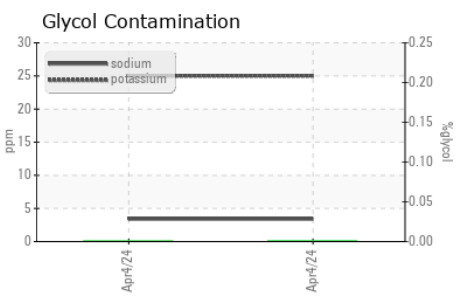
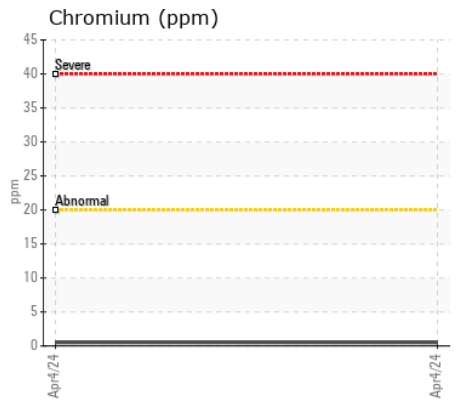
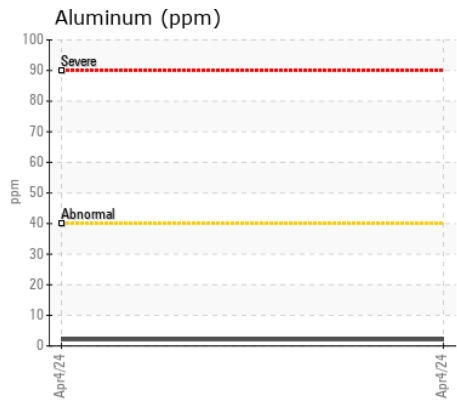
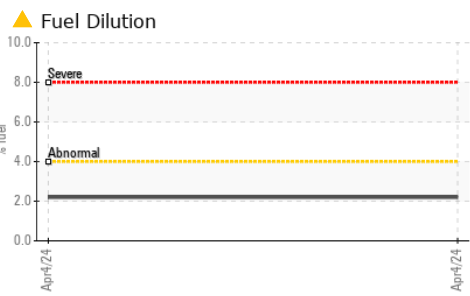
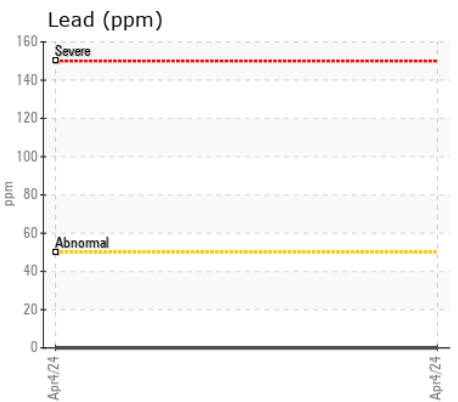
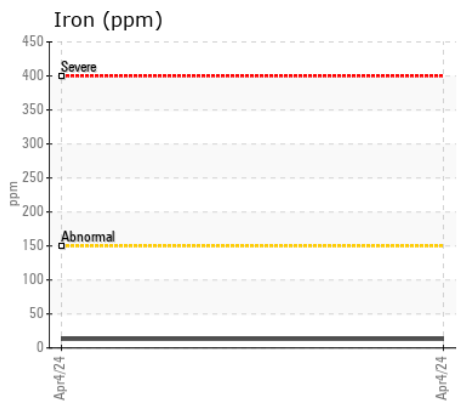
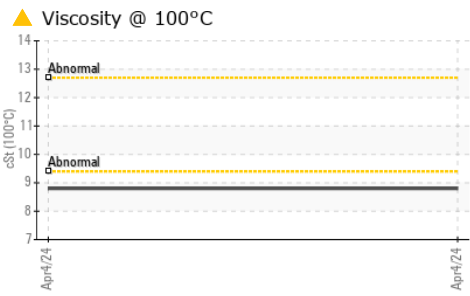
CONTAMINATION

Light fuel dilution occurring.

FLUID CONDITION

Fuel is present in the oil and is lowering the viscosity. The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PC0073130	---	---
Sample Date		Client Info		04 Apr 2024	---	---
Machine Age	kms	Client Info		2676	---	---
Oil Age	kms	Client Info		196	---	---
Filter Age	kms	Client Info		196	---	---
Oil Changed		Client Info		Changed	---	---
Filter Changed		Client Info		Changed	---	---
Sample Status				ABNORMAL	---	---
Iron	ppm	ASTM D5185(m)	>150	13	---	---
Chromium	ppm	ASTM D5185(m)	>20	<1	---	---
Nickel	ppm	ASTM D5185(m)	>5	<1	---	---
Titanium	ppm	ASTM D5185(m)		<1	---	---
Silver	ppm	ASTM D5185(m)	>2	0	---	---
Aluminum	ppm	ASTM D5185(m)	>40	2	---	---
Lead	ppm	ASTM D5185(m)	>50	0	---	---
Copper	ppm	ASTM D5185(m)	>155	2	---	---
Tin	ppm	ASTM D5185(m)	>10	0	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
Silicon	ppm	ASTM D5185(m)	>30	81	---	---
Potassium	ppm	ASTM D5185(m)	>20	25	---	---
Fuel	%	ASTM D7593*	>4.0	▲ 2.2	---	---
Water		WC Method	>0.2	NEG	---	---
Glycol	%	ASTM D7922*		0.0	---	---
Soot %	%	ASTM D7844*		0	---	---
Nitration	Abs/cm	ASTM D7624*	>20	12.7	---	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	25.3	---	---
Emulsified Water	scalar	Visual*	>0.2	NEG	---	---
Sodium	ppm	ASTM D5185(m)	>400	3	---	---
Boron	ppm	ASTM D5185(m)		35	---	---
Barium	ppm	ASTM D5185(m)		0	---	---
Molybdenum	ppm	ASTM D5185(m)		67	---	---
Manganese	ppm	ASTM D5185(m)		<1	---	---
Magnesium	ppm	ASTM D5185(m)		495	---	---
Calcium	ppm	ASTM D5185(m)		870	---	---
Phosphorus	ppm	ASTM D5185(m)		648	---	---
Zinc	ppm	ASTM D5185(m)		710	---	---
Sulfur	ppm	ASTM D5185(m)		2231	---	---
Oxidation	Abs/.1mm	ASTM D7414*	>25	17.6	---	---
Visc @ 40°C	cSt	ASTM D7279(m)		51.4	---	---
Visc @ 100°C	cSt	ASTM D7279(m)		▲ 8.8	---	---
Viscosity Index (VI)	Scale	ASTM D2270*		150	---	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0073130 **Received** : 14 May 2024
Lab Number : 02635231 **Tested** : 15 May 2024
Unique Number : 5776384 **Diagnosed** : 15 May 2024 - Wes Davis
Test Package : MOB 1 (Additional Tests: FuelDilution, Glycol, KV40, PercentFuel, VI)

MILTOW COLONY
 BOX # 68
 WARNER, AB
 CA T0K 2L0
 Contact: Service Manager
 mechanic@miltowcolony.com

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.