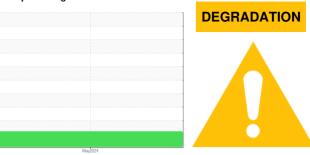


OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

FORD RICH F150

Component

Gasoline Engine

ALPHA PREM 5W20 (--- GAL)

DIAGNOSIS

Recommendation

Oil and filter change at the time of sampling has been noted. We recommend an early resample to monitor this condition.

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

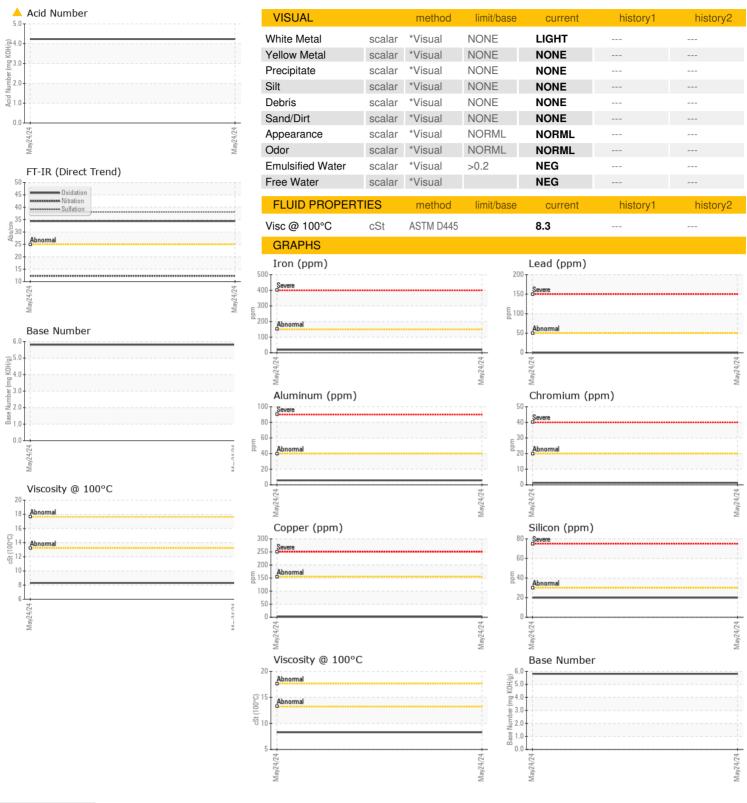
Fluid Condition

The BN result indicates that there is suitable alkalinity remaining in the oil. The AN level is at the top-end of the recommended limit.

				May2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0913432		
Sample Date		Client Info		24 May 2024		
Machine Age	mls	Client Info		192478		
Oil Age	mls	Client Info		6717		
Oil Changed		Client Info		Changed		
Sample Status				ABNORMAL		
CONTAMINATION	١	method	limit/base	current	history1	history2
Fuel		WC Method	>4.0	<1.0		
Water		WC Method	>0.2	NEG		
Glycol		WC Method		NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>150	19		
Chromium	ppm	ASTM D5185m	>20	1		
Nickel	ppm	ASTM D5185m	>5	<1		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m	>2	0		
Aluminum	ppm	ASTM D5185m	>40	6		
Lead	ppm	ASTM D5185m	>50	0		
Copper	ppm	ASTM D5185m	>155	3		
Tin	ppm	ASTM D5185m	>10	<1		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		24		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		207		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		529		
Calcium	ppm	ASTM D5185m		1387		
Phosphorus	ppm	ASTM D5185m		602		
Zinc	ppm	ASTM D5185m		593		
Sulfur	ppm	ASTM D5185m		2325		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>30	20		
Sodium	ppm	ASTM D5185m	>400	10		
Potassium	ppm	ASTM D5185m	>20	2		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844		0.1		
Nitration	Abs/cm	*ASTM D7624	>20	12.3		
Sulfation	Abs/.1mm	*ASTM D7415	>30	38.1		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	34.4		
Acid Number (AN)	mg KOH/g	ASTM D8045	725	▲ 4.234		
Base Number (BN)	mg KOH/g	ASTM D0045		5.81		
Dase Mullipel (DIV)	iiiy NO∏/ÿ	40 LINI DZ030		J.01		



OIL ANALYSIS REPORT





Laboratory Sample No.

: WC0913432 Lab Number : 06198334 Unique Number : 11060457

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received **Tested**

: 03 Jun 2024 : 06 Jun 2024 Diagnosed

: 06 Jun 2024 - Jonathan Hester

EK EQUIPMENT LLC 392 ELWOOD RD FORT PLAIN, NY US 13339 Contact: ELAM

Test Package : MOB 2 (Additional Tests: TBN) Certificate 12367 To discuss this sample report, contact Customer Service at 1-800-237-1369. st - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

EKEQUIPMENT@STARLIGHTPRINT.COM T:

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) Report Id: ELAFOR [WUSCAR] 06198334 (Generated: 06/06/2024 13:17:31) Rev: 1

Contact/Location: ELAM - ELAFOR

F: