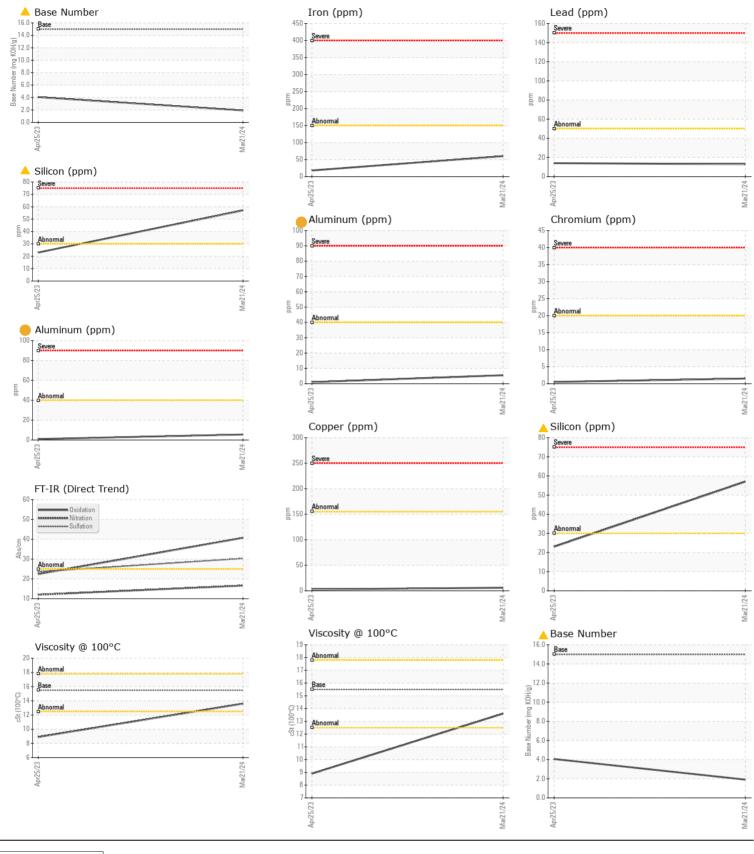


Machine Id FORD 56 Component Gasoline Engine Fluid TRC MOLY XL PRO-SPEC III SYNTHETIC15W40 (5 QTS)

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RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
We advise that you check the air filter, air induction system, and any areas where dirt may enter the component. The oil is near the end of it's useful service life, recommend schedule an oil change. We recommend an early resample to monitor this condition.	Sample Number		Client Info		TR06155277	TR05848248	
	Sample Date		Client Info		21 Mar 2024	25 Apr 2023	
	Machine Age	mls	Client Info		86325	76407	
	Oil Age	mls	Client Info		15528	5600	
	Filter Age	mls	Client Info		0	0	
	Oil Changed		Client Info		N/A	N/A	
	Filter Changed		Client Info		N/A	N/A	
	Sample Status				ABNORMAL	NORMAL	
WEAR	Iron	ppm	ASTM D5185m	>150	60	18	
All component wear rates are normal.	Chromium	ppm	ASTM D5185m		2	<1	
	Nickel	ppm	ASTM D5185m		-	0	
	Titanium	ppm	ASTM D5185m	20	- <1	0	
	Silver		ASTM D5185m	~2	0	0	
	Aluminum	ppm ppm	ASTM D5185m		6	1	
	Lead	ppm	ASTM D5185m		13	14	
	Copper	ppm	ASTM D5185m		6	3	
	Tin	ppm	ASTM D5185m		ہ <1	0	
	Vanadium	ppm	ASTM D5185m	210	0	<1	
	White Metal	scalar	*Visual	NONE	NONE	NONE	
	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
		Scalai	visuai	NONL		NONL	
CONTAMINATION	Silicon	ppm	ASTM D5185m	>30	<b>5</b> 7	23	
Elemental levels of silicon (Si) and aluminum (Al) indicate alumina- silicate (coarse dirt) ingress.	Potassium	ppm	ASTM D5185m	>20	3	2	
	Fuel		WC Method	>4.0	<1.0	2.6	
	Water		WC Method	>0.2	NEG	NEG	
	Glycol		WC Method		NEG	NEG	
	Soot %	%	*ASTM D7844		0.1	0	
	Nitration	Abs/cm	*ASTM D7624	>20	16.6	12.0	
	Sulfation	Abs/.1mm	*ASTM D7415	>30	30.3	23.6	
	Silt	scalar	*Visual	NONE	NONE	NONE	
	Debris	scalar	*Visual	NONE	NONE	NONE	
	Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	
	Appearance	scalar	*Visual	NORML	NORML	NORML	
	Odor	scalar	*Visual	NORML	NORML	NORML	
	Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	
FLUID CONDITION	Sodium	ppm	ASTM D5185m	>400	2	4	
	Boron	ppm	ASTM D5185m	00	14	14	
The BN level is low.	Barium	ppm	ASTM D5185m		0	0	
	Molybdenum	ppm	ASTM D5185m		98	114	
	Manganese	ppm	ASTM D5185m		2	1	
	Magnesium	ppm	ASTM D5185m		56	65	
	Calcium	ppm	ASTM D5185m	4500	1207	1465	
	Phosphorus	ppm	ASTM D5185m		442	495	
	Zinc	ppm	ASTM D5185m	1400	532	643	
	Sulfur	ppm	ASTM D5185m		1557	1852	
	Oxidation	Abs/.1mm	*ASTM D7414	>25	40.7	22.4	
	Base Number (BN)	mg KOH/g	ASTM D2896		▲ 1.91	4.06	
	Visc @ 100°C	cSt	ASTM D445		13.6	8.9	
		001			10.0	5.0	



COLORADO RIVER UNION HS Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 Sample No. Received 2251 HWY 95 : TR06155277 : 19 Apr 2024 Lab Number : 06155277 BULLHEAD CITY, AZ Tested : 24 Apr 2024 Unique Number : 10990700 : 24 Apr 2024 - Sean Felton US 86442 Diagnosed Test Package : MOB 2 Contact: DENNIS SERCU Certificate L2367 DSERCU@CRSK12.ORG To discuss this sample report, contact Customer Service at 1-800-827-0711. * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: (928)788-1307 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (928)763-9881

Contact/Location: DENNIS SERCU - COLBUL Page 2 of 2