

Machine Id TOYOTA 2014 TOYOTA TACOMA Component

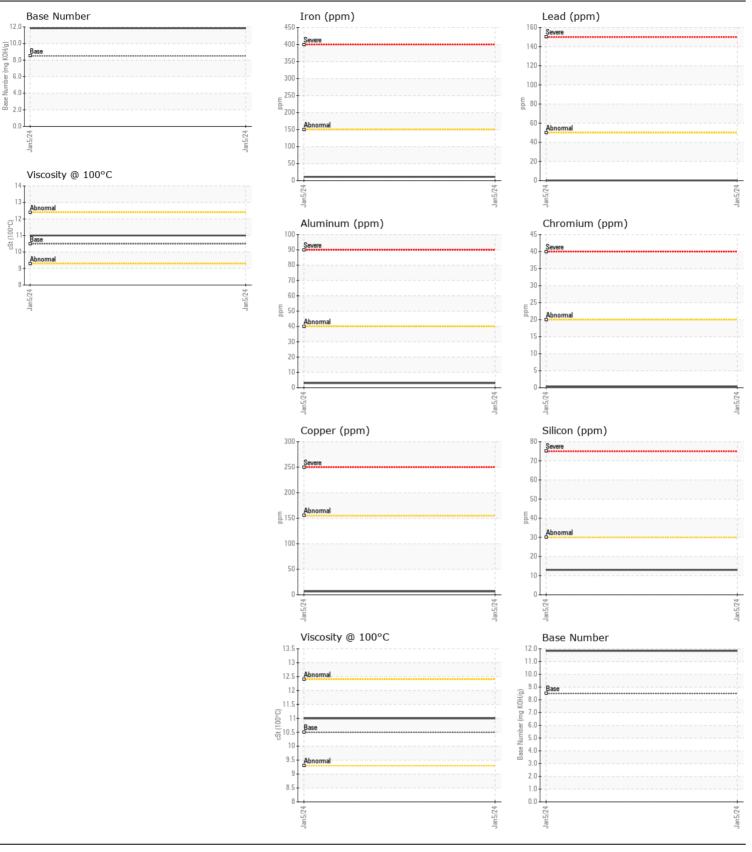
Component Gasoline Engine

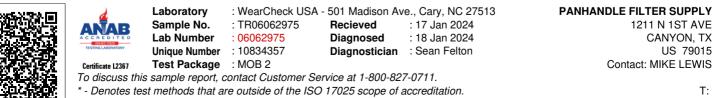
TRC PRO-SPEC SYNTHETIC 5W30 (6 QTS)

RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Resample at the next service interval to monitor.	Sample Number		Client Info		TR06062975		
	Sample Date		Client Info		05 Jan 2024		
	Machine Age	mls	Client Info		58481		
	Oil Age	mls	Client Info		5392		
	Filter Age	mls	Client Info		5392		
	Oil Changed		Client Info		Changed		
	Filter Changed		Client Info		Changed		
	Sample Status				NORMAL		
WEAD			ASTM D5185m	. 150	44		
WEAR	Iron Chromium	ppm	ASTM D5185m		11 <1		
All component wear rates are normal.	Nickel	ppm					
		ppm	ASTM D5185m	>5	0		
	Titanium	ppm	ASTM D5185m	0	<1		
	Silver	ppm	ASTM D5185m		0		
	Aluminum	ppm	ASTM D5185m		3		
	Lead	ppm	ASTM D5185m		<1		
	Copper	ppm	ASTM D5185m		7		
	Tin	ppm	ASTM D5185m	>10	0		
	Vanadium	ppm	ASTM D5185m		<1		
	White Metal	scalar	*Visual	NONE	NONE		
	Yellow Metal	scalar	*Visual	NONE	NONE		
CONTAMINATION	Silicon	ppm	ASTM D5185m	>30	13		
There is no indication of any contamination in the oil.	Potassium	ppm	ASTM D5185m	>20	1		
	Fuel		WC Method	>4.0	<1.0		
	Water		WC Method	>0.2	NEG		
	Glycol		WC Method		NEG		
	Soot %	%	*ASTM D7844		0		
	Nitration	Abs/cm	*ASTM D7624	>20	12.2		
	Sulfation	Abs/.1mm	*ASTM D7415	>30	26.5		
	Silt	scalar	*Visual	NONE	NONE		
	Debris	scalar	*Visual	NONE	NONE		
	Sand/Dirt	scalar	*Visual	NONE	NONE		
	Appearance	scalar	*Visual	NORML	NORML		
	Odor	scalar	*Visual	NORML	NORML		
	Emulsified Water	scalar	*Visual	>0.2	NEG		
FLUID CONDITION	Sodium	ppm	ASTM D5185m	>400	32		
	Boron	ppm	ASTM D5185m	2400	0		
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.	Barium	ppm	ASTM D5185m		0		
	Molybdenum	ppm	ASTM D5185m	400	2		
	Manganese	ppm	ASTM D5185m	100	_ <1		
	Magnesium	ppm	ASTM D5185m	600	20		
	Calcium			1500	4372		
	Phosphorus	ppm	ASTM D5185m		1063		
		ppm					
	Zinc	ppm	ASTM D5185m	900	1410		
	Sulfur	ppm	ASTM D5185m	05	4896		
	Oxidation	Abs/.1mm	*ASTM D7414		19.1		
	Base Number (BN)	mg KOH/g	ASTM D2896	0.0	11.84		

Visc @ 100°C cSt ASTM D445 10.5

11.0





Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Base

ģ

Contact/Location: MIKE LEWIS - PAWCAN

F: