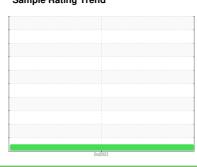


OIL ANALYSIS REPORT

Sample Rating Trend







NX4099-L07

Component

Gasoline Engine

SUPER TECH 5W20 (--- QTS)

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Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

Fuel content negligible. The water content is negligible. 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 acceptable for this fluid. The condition of the oil is suitable for further service.

				Oct2022		
SAMPLE INFORM	MATION	method	limit/base	current	history 1	history 2
Sample Number		Client Info		WC0751439		
Sample Date		Client Info		26 Oct 2022		
Machine Age	kms	Client Info		64545		
Oil Age	kms	Client Info		0		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINATION	V	method	limit/base	current	history 1	history 2
Glycol		WC Method		NEG		
WEAR METALS		method	limit/base	current	history 1	history 2
Iron	nnm	ASTM D5185m	>150	5		
Chromium	ppm		>20	5 <1		
Nickel	ppm	ASTM D5185m	>20	<1 <1		
	ppm		>0			
Titanium	ppm	ASTM D5185m	0	<1		
Silver	ppm	ASTM D5185m	>2	0		
Aluminum	ppm	ASTM D5185m		2		
Lead	ppm	ASTM D5185m	>50	<1		
Copper	ppm	ASTM D5185m		1		
Tin	ppm	ASTM D5185m	>10	<1		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history 1	history 2
Boron	ppm	ASTM D5185m		177		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		75		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		553		
Calcium	ppm	ASTM D5185m		1041		
Phosphorus	ppm	ASTM D5185m		737		
Zinc	ppm	ASTM D5185m		852		
Sulfur	ppm	ASTM D5185m		3712		
CONTAMINANTS	;	method	limit/base	current	history 1	history 2
Silicon	ppm	ASTM D5185m	>30	9		
Sodium	ppm	ASTM D5185m	>400	1		
Potassium	ppm	ASTM D5185m	>20	1		
Fuel	%	ASTM D3524	>4.0	0.5		
Water	%	ASTM D6304	>0.2	0.036		
ppm Water	ppm	ASTM D6304	>2000	367.7		
INFRA-RED		method	limit/base	current	history 1	history 2
Soot %	%	*ASTM D7844		0.1		
Nitration	Abs/cm	*ASTM D7624	>20	6.1		
Sulfation	Abs/.1mm	*ASTM D7415	>30	17.1		



OIL ANALYSIS REPORT





Sample No. **Lab Number Unique Number**

: WC0751439 : 05710524

Received Diagnosed

: 13 Dec 2022 Diagnostician : Jonathan Hester 47519 HALYARD DRIVE PLYMOUTH, MI US 48170-2438

: 10245099 Test Package : MOB 2 (Additional Tests: FUELDILUTION, KF, KV40, PercentFuel, TBN, VI) Contact: Service Manager Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

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

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