

OIL ANALYSIS REPORT

CN7452-L25

Component

Gasoline Engine

SUPERTECH 5W20 (--- GAL)

Sample Rating Trend **NORMAL**

Recommendation

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. Please note that this is a corrected copy for laboratory data updates.

Wear

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.

				Sep2022		
SAMPLE INFORM	MATION	method	limit/base	current	history 1	history 2
Sample Number		Client Info		WC0751539		
Sample Date		Client Info		27 Sep 2022		
Machine Age	kms	Client Info		200578		
Oil Age	kms	Client Info		0		
Oil Changed	Tarro	Client Info		Changed		
Sample Status				NORMAL		
CONTAMINATION	١	method	limit/base	current	history 1	history 2
Glycol		WC Method		NEG		
WEAR METALS		method	limit/base	current	history 1	history 2
Iron	ppm	ASTM D5185m	>150	3		
Chromium	ppm	ASTM D5185m	>20	0		
Nickel	ppm	ASTM D5185m	>5	0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m	>2	<1		
Aluminum	ppm	ASTM D5185m	>40	1		
Lead	ppm	ASTM D5185m	>50	1		
Copper	ppm	ASTM D5185m	>155	<1		
Tin	ppm	ASTM D5185m	>10	0		
Vanadium	ppm	ASTM D5185m	710	<1		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history 1	history 2
Boron	ppm	ASTM D5185m		179		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		72		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		550		
Calcium	ppm	ASTM D5185m		979		
Phosphorus	ppm	ASTM D5185m		660		
Zinc	ppm	ASTM D5185m		825		
Sulfur	ppm	ASTM D5185m		3036		
CONTAMINANTS		method	limit/base	current	history 1	history 2
Silicon	ppm	ASTM D5185m		8		
Sodium	ppm	ASTM D5185m		2		
Potassium	ppm	ASTM D5185m	>20	<1		
Fuel	%	ASTM D3524		0.6		
Water	%	ASTM D6304	>0.2	0.050		
ppm Water	ppm	ASTM D6304		500.1		
INFRA-RED		method	limit/base	current	history 1	history 2
Soot %	%	*ASTM D7844		0.1		
Nitration	Abs/cm	*ASTM D7624	>20	6.8		
Sulfation	Abs/.1mm	*ASTM D7415	>30	17.3		



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Lab Number **Unique Number**

: 05689749

Diagnosed : 15 Nov 2022 Diagnostician : Jonathan Hester PLYMOUTH, MI

US 48170-2438

: 10214322 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)

T: F: