

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL

Area CONSTRUCTORS, INC Machine Id CHEVROLET GASOLINE 040607 Component

Gasoline Engine Fluid MOBIL SUPER 5W30 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

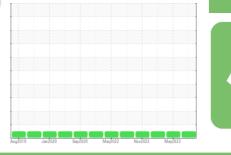
All component wear rates are normal.

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 condition of the oil is suitable for further service.





Sample Number Client Info SBP0004631 SBP0004462 SBP0003716 Sample Date Client Info 22 Aug 2023 24 May 2023 31 Mar 2023 Machine Age hrs Client Info 6902 6604 6316 Oil Age hrs Client Info 298 288 247 Oil Changed Client Info 298 288 247 Oil Changed Client Info Changed Changed Changed Changed Sample Status method imit/base current history1 history2 Fuel WC Method >4.0 <1.0 <1.0 <1.0 <1.0 Glycol w WC Method >4.0 <1.0 <1.0 <1.0 Mickel ppm ASTM D5185m >150 28 4.9 7.9 Itranium ppm ASTM D5185m >2.0 0 0 0 Silver ppm ASTM D5185m >2.4 0 0 0 <
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Sulfur ppm ASTM D5185m 3312 2919 3379
CONTAMINANTS method limit/base current history1 history2
Silicon ppm ASTM D5185m >30 11 17 22
Sodium ppm ASTM D5185m >400 2 4
Potassium ppm ASTM D5185m >20 <1
INFRA-RED method limit/base current history1 history2
Soot % *ASTM D7844 0 0.1 0.1
Nitration Abs/cm *ASTM D7624 >20 10.6 10.4 10.5
Nitration Abs/cm *ASIM D/624 >20 10.6 10.4 10.5 Sulfation Abs/.1mm *ASIM D7415 >30 21.8 22.3 22.2
Sulfation Abs/.1mm *ASTM D7415 >30 21.8 22.3 22.2

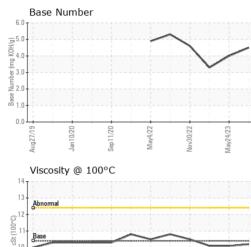


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Aug27/19

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OIL ANALYSIS REPORT



VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPERT	IES	method	limit/base	current	history1	history2
Visc @ 100°C	cSt	ASTM D445	10.4	10.2	10.1	10.1
GRAPHS						

