



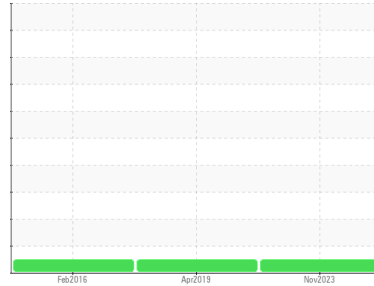
OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area
KANSAS/44/EG - TRUCK-ON-HWY-HEAVY DUTY
 Machine Id
07.44 [KANSAS^44^EG - TRUCK-ON-HWY-HEAVY DUTY]
 Component
Transmission (Auto)
 Fluid
MOBIL DELVAC SYNTHETIC ATF (--- 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 fluid.

Fluid Condition

The condition of the fluid is acceptable for the time in service.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WC0833760	WC0339502	WCMCF08238
Sample Date	Client Info		30 Nov 2023	19 Apr 2019	17 Feb 2016
Machine Age	hrs	Client Info	5615	263	0
Oil Age	hrs	Client Info	5615	263	0
Oil Changed	Client Info		Not Chngd	Not Chngd	Changed
Sample Status			NORMAL	NORMAL	NORMAL

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.1	NEG	NEG	NEG

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >160	60	50	120
Chromium	ppm	ASTM D5185m >5	<1	<1	<1
Nickel	ppm	ASTM D5185m >5	<1	<1	1
Titanium	ppm	ASTM D5185m	2	<1	<1
Silver	ppm	ASTM D5185m >5	0	0	0
Aluminum	ppm	ASTM D5185m >50	14	17	30
Lead	ppm	ASTM D5185m >50	8	13	44
Copper	ppm	ASTM D5185m >225	7	9	10
Tin	ppm	ASTM D5185m >10	1	<1	4
Antimony	ppm	ASTM D5185m	---	0	0
Vanadium	ppm	ASTM D5185m	0	0	0
Cadmium	ppm	ASTM D5185m	0	0	0

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	36	100	57
Barium	ppm	ASTM D5185m	0	0	4
Molybdenum	ppm	ASTM D5185m	4	<1	<1
Manganese	ppm	ASTM D5185m	2	2	3
Magnesium	ppm	ASTM D5185m	11	0	<1
Calcium	ppm	ASTM D5185m	46	39	58
Phosphorus	ppm	ASTM D5185m	262	267	250
Zinc	ppm	ASTM D5185m	221	4	18
Sulfur	ppm	ASTM D5185m	983	1100	620

CONTAMINANTS

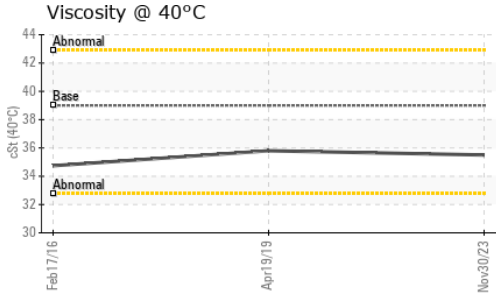
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >20	4	6	6
Sodium	ppm	ASTM D5185m	45	8	12
Potassium	ppm	ASTM D5185m >20	3	4	5

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 >0.1	NEG	NEG	NEG
Free Water	scalar	*Visual	NEG	NEG	NEG



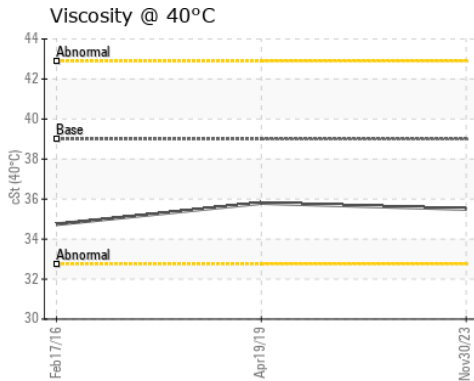
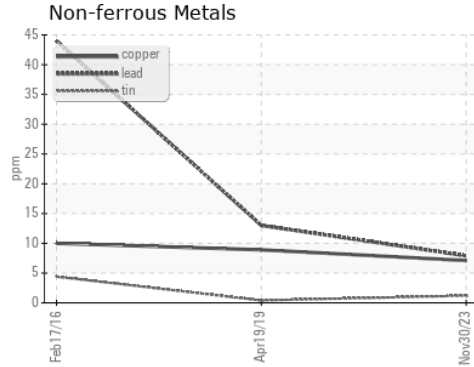
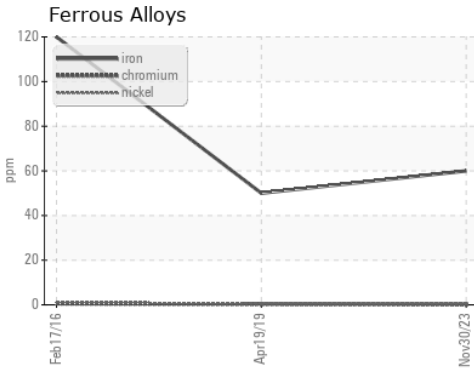
OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 39	35.5	35.8	34.74

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color			no image	no image	no image
Bottom			no image	no image	no image

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0833760 **Received** : 06 Dec 2023
Lab Number : 06026897 **Diagnosed** : 08 Dec 2023
Unique Number : 10776688 **Diagnostician** : Jonathan Hester
Test Package : CONST

SHERWOOD CONSTRUCTION CO INC
 3219 WEST MAY ST
 WICHITA, KS
 US 67213
 Contact: DOUG KING
 doug.king@sherwood.net
 T: (316)617-3161
 F: x:

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)