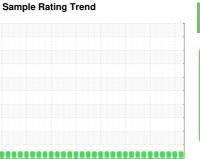


OIL ANALYSIS REPORT

KANSAS/44/EG - OTHER SERVICE 74.21L [KANSAS^44^EG - OTHER SERVICE] Component

Transmission (Manual) Fluic

MOBIL MOBILTRANS AST 30 (--- GAL)





NORMAL

commendationSample Numbersample at the next service interval to monitor. (stomer Sample Comment: 14254 hrs)Sample Date Machine AgewarOil Agecomponent wear rates are normal.Oil ChangedntaminationSample Statusere is no indication of any contamination in the d.WEAR METALSid ConditionIronerevice.ChromiumService.NickelTitaniumSilverAluminumLeadCopper TinVanadium	hrs hrs ppm ppm ppm ppm ppm ppm ppm ppm ppm pp	Client Info Client Info Client Info Client Info Client Info Client Info ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>5 >5 >7 >25 >45 >225	WC0819978 10 Aug 2023 14254 12586 N/A NORMAL 157 2 <157 <2 <1 <1 <1 <1 <1 <1	WC0819875 17 Jul 2023 14216 28414 N/A NORMAL history1 145 <1 0 0 0 0 0 4 4 6	WC0800842 05 Apr 2023 8872 1052 Changed NORMAL 128 <128 <120 0 <120 <100 <24
stomer Sample Comment: 14254 hrs) Machine Age Oil Age Oil Age Oil Changed Sample Status WEAR METALS Iron Chromium Silver Aluminum Lead Copper Tin	hrs ppm ppm ppm ppm ppm ppm ppm ppm ppm	Client Info Client Info Client Info Client Info ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>200 >5 >5 >7 >25 >45 >225	14254 12586 N/A NORMAL 157 2 <1 <1 <1 <1 5 8	14216 28414 N/A NORMAL history1 145 <1 0 0 0 0 0 4	8872 1052 Changed NORMAL 128 <128 <1 0 <1 0 <1 0 2
machine Age war Oil Age component wear rates are normal. Oil Changed ntamination Sample Status wear WEAR METALS wid Condition Iron e condition of the fluid is acceptable for the time service. Nickel Titanium Silver Aluminum Lead Copper Tin	hrs ppm ppm ppm ppm ppm ppm ppm ppm ppm	Client Info Client Info Client Info ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>200 >5 >5 >7 >25 >45 >225	12586 N/A NORMAL 157 2 <1 <1 <1 <1 5 8	28414 N/A NORMAL history1 145 <1 0 0 0 0 0 4	1052 Changed NORMAL history2 128 <128 <10 0 <10 0 <2
component wear rates are normal. ntamination ere is no indication of any contamination in the d. id Condition e condition of the fluid is acceptable for the time service. Iron Chromium Nickel Titanium Silver Aluminum Lead Copper Tin	ppm ppm ppm ppm ppm ppm ppm ppm ppm	Client Info method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>200 >5 >5 >7 >25 >45 >225	N/A NORMAL 157 2 <1 <1 <1 <1 5 8	N/A NORMAL history1 145 <1 0 0 0 0 0 4	Changed NORMAL history2 128 <1 0 <1 0 <1 0 2
ntamination ere is no indication of any contamination in the d. iid Condition e condition of the fluid is acceptable for the time service. Sample Status WEAR METALS Iron Chromium Nickel Titanium Silver Aluminum Lead Copper Tin	ppm ppm ppm ppm ppm ppm ppm ppm	Method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>200 >5 >5 >7 >25 >45 >225	NORMAL current 157 2 <1 <1 <1 <1 5 8	NORMAL history1 145 <1 0 0 0 0 0 4	NORMAL history2 128 <1 0 <1 0 <1 0 2
ere is no indication of any contamination in the d. id Condition e condition of the fluid is acceptable for the time ervice.	ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>200 >5 >5 >7 >25 >45 >225	current 157 2 <1	history1 145 <1 0 0 0 0 4	history2 128 <1 0 <1 0 <1 0 2
d. id Condition e condition of the fluid is acceptable for the time ervice.	ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>200 >5 >5 >7 >25 >45 >225	157 2 <1 <1 <1 <1 5 8	145 <1 0 0 0 4	128 <1 0 <1 0 2
condition of the fluid is acceptable for the time ervice.	ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>5 >5 >7 >25 >45 >225	2 <1 <1 <1 5 8	<1 0 0 0 4	<1 0 <1 0 2
e condition of the fluid is acceptable for the time ervice.	ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>5 >7 >25 >45 >225	<1 <1 <1 5 8	0 0 0 4	0 <1 0 2
ervice. Nickel Titanium Silver Aluminum Lead Copper Tin	ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>7 >25 >45 >225	<1 <1 5 8	0 0 4	<1 0 2
Silver Aluminum Lead Copper Tin	ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>25 >45 >225	<1 5 8	0 4	0 2
Aluminum Lead Copper Tin	ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>25 >45 >225	5 8	4	2
Lead Copper Tin	ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m	>45 >225	8		
Copper Tin	ppm ppm ppm ppm	ASTM D5185m ASTM D5185m	>225	8	6	
Copper Tin	ppm ppm ppm	ASTM D5185m ASTM D5185m	>225			
Tin	ppm ppm	ASTM D5185m		36	32	22
	ppm		>10	1	<1	<1
		ASTM D5185m		<1	0	0
Cadmium		ASTM D5185m		<1	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		37	34	27
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		2	1	1
Manganese	ppm	ASTM D5185m		2	1	2
Manganose	ppm	ASTM D5185m		25	21	20
Calcium	ppm	ASTM D5185m		3000	2910	2776
Phosphorus	ppm	ASTM D5185m		999	985	900
Zinc	ppm	ASTM D5185m		1212	1173	1148
Sulfur	ppm	ASTM D5185m		5599	5069	4991
CONTAMINANTS	5	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>125	21	20	12
Sodium	ppm	ASTM D5185m		3	0	2
Potassium	ppm	ASTM D5185m	>20	<1	1	0
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
FLUID PROPER	TIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	57.6	101	101	101

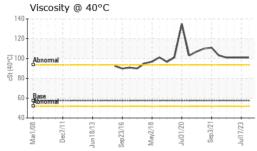
Report Id: SHEWIC [WUSCAR] 05928522 (Generated: 08/21/2023 15:15:27) Rev: 1

101 101 Submitted By: LOUIS BRESHEARS



OIL ANALYSIS REPORT

SAMPLE IMAGES



M	Color		no image	no image	no image
Sep23/16	Bottom		no image	no image	no image
PAS M UL S UL	GRAPHS Ferrous Alloys	Mar2/18			
Laboratory Sample No. Lab Number Unique Number Test Packag To discuss this sample repor * - Denotes test methods that Statements of conformity to an	: WC0819978 Re : 05928522 Dia er : 10608469 Dia e : CONST t, contact Customer Service t are outside of the ISO 170		9	Contac doug.king(T:	UCTION CO INC WEST MAY ST WICHITA, KS US 67213 DUG KING @sherwood.net (316)617-3161 F' x'

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

Submitted By: LOUIS BRESHEARS

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