

# **OIL ANALYSIS REPORT**

Visc @ 40°C

cSt

ASTM D445 85

177

OKLAHOMA/102 22.69L [OKLAHOMA^102]

Component **Swing Drive** 

MOBIL MOBILUBE HD PLUS 75W90 (--- 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

Confirm oil type. The condition of the oil is acceptable for the time in service.

L)				Aug2023			
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2	
Sample Number		Client Info		WC0833991			
Sample Date		Client Info		07 Aug 2023			
Machine Age	hrs	Client Info		1535			
Oil Age	hrs	Client Info		1744			
Oil Changed		Client Info		Changed			
Sample Status				NORMAL			
WEAR METALS		method	limit/base	current	history1	history2	
Iron	ppm	ASTM D5185m	>400	99			
Chromium	ppm	ASTM D5185m		2			
Nickel	ppm	ASTM D5185m	>10	0			
Titanium	ppm	ASTM D5185m	-	0			
Silver	ppm	ASTM D5185m		0			
Aluminum	ppm	ASTM D5185m	>25	<1			
Lead	ppm	ASTM D5185m		0			
Copper	ppm	ASTM D5185m		<1			
Tin	ppm	ASTM D5185m	>10	0			
Vanadium	ppm	ASTM D5185m		0			
Cadmium	ppm	ASTM D5185m		0			
ADDITIVES		method	limit/base	current	history1	history2	
Boron	ppm	ASTM D5185m		0			
Barium	ppm	ASTM D5185m		12			
Molybdenum	ppm	ASTM D5185m		0			
Manganese	ppm	ASTM D5185m		3			
Magnesium	ppm	ASTM D5185m		<1			
Calcium	ppm	ASTM D5185m		10			
Phosphorus	ppm	ASTM D5185m		313			
Zinc	ppm	ASTM D5185m		5			
Sulfur	ppm	ASTM D5185m		26373			
			linsit/booo		biotoryd	history ()	
CONTAMINANTS		method	limit/base		history1	history2	
Silicon	ppm	ASTM D5185m	>50	7			
Sodium	ppm	ASTM D5185m	00	0			
Potassium	ppm	ASTM D5185m		6			
VISUAL		method	limit/base	current	history1	history2	
White Metal	scalar	*Visual	NONE	NONE			
Yellow Metal	scalar	*Visual	NONE	NONE			
Precipitate	scalar	*Visual	NONE	NONE			
Silt	scalar	*Visual	NONE	NONE			
Debris	scalar	*Visual	NONE	NONE			
Sand/Dirt	scalar	*Visual	NONE	NONE			
Appearance	scalar	*Visual	NORML	NORML			
Odor	scalar	*Visual	NORML	NORML			
Emulsified Water	scalar	*Visual	>0.2	NEG			
Free Water	scalar	*Visual		NEG			
FLUID PROPERT	ΓIES	method	limit/base	current	history1	history2	
V/s = 0 4000	. 01		0.5	4 77			

Sample Rating Trend

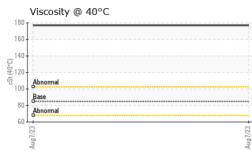
NORMAL

Submitted By: BOBBY JONES



# **OIL ANALYSIS REPORT**

SAMPLE IMAGES method limit/base



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Laboratory :: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Sample No. Lab Number :: 05923756 Diagnosed :: 15 Aug 2023 Unique Number :: 10603703 Diagnostician : Don Baldridge Unique Number :: 10603703 Diagnostician : Don Baldridge * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. * - Denotes test methods that are outside of the ISO 17025 scope of accreditation.							Aug			
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