**WEAR** CONTAMINATION **FLUID CONDITION** 

**ABNORMAL** NORMAL **ATTENTION** 

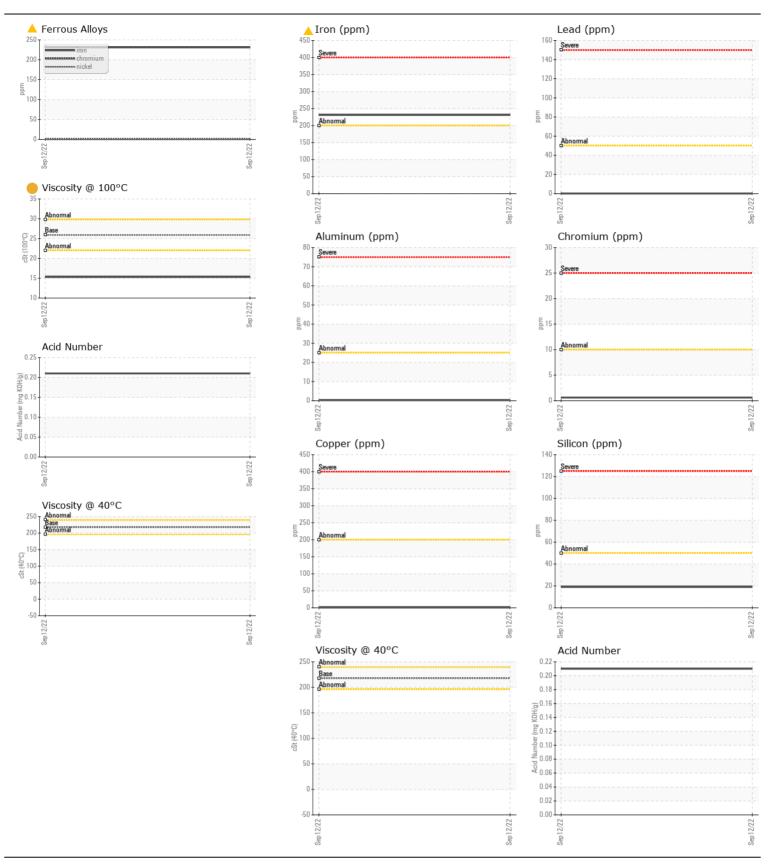
**OIL ANALYSIS REPORT** 

Machine Id

## **DODGE 20 LEG M7**

Gearbox

MOBIL SHC 630 (4 GAL)							
RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
No corrective action is recommended at this time. Resample at the next service interval to monitor.	Sample Number		Client Info		TR05645595		
	Sample Date		Client Info		12 Sep 2022		
	Machine Age	yrs	Client Info		0		
	Oil Age	yrs	Client Info		7		
	Filter Age	yrs	Client Info		0		
	Oil Changed		Client Info		Not Changd		
	Filter Changed		Client Info		N/A		
	Sample Status				ABNORMAL		
WEAR	Iron	ppm	ASTM D5185m	>200	<u> </u>		
Gear wear is indicated. All other component wear rates are normal.	Chromium	ppm	ASTM D5185m	>10	<1		
	Nickel	ppm	ASTM D5185m		<1		
	Titanium	ppm	ASTM D5185m		0		
	Silver	ppm	ASTM D5185m		<1		
	Aluminum	ppm	ASTM D5185m	>25	<1		
	Lead	ppm	ASTM D5185m	>50	0		
	Copper	ppm	ASTM D5185m	>200	<1		
	Tin	ppm	ASTM D5185m	>10	0		
	Vanadium	ppm	ASTM D5185m		0		
	White Metal	scalar	*Visual	NONE	NONE		
	Yellow Metal	scalar	*Visual	NONE	NONE		
CONTAMINATION	Silicon	ppm	ASTM D5185m	>50	19		
There is no indication of any contamination in the oil.	Potassium	ppm	ASTM D5185m	>20	0		
	Water		WC Method	>0.2	NEG		
	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		
FLUID CONDITION	Sodium	ppm	ASTM D5185m		0		
Viscosity of sample indicates oil is within ISO 150 range, advise investigate. Confirm oil type. The AN level is acceptable for this fluid.	Boron	ppm	ASTM D5185m		4		
	Barium	ppm	ASTM D5185m		0		
	Molybdenum	ppm	ASTM D5185m		<1		
	Manganese	ppm	ASTM D5185m		2		
	Magnesium	ppm	ASTM D5185m		0		
	Calcium	ppm	ASTM D5185m		3		
	Phosphorus	ppm	ASTM D5185m		723		
	Zinc	ppm	ASTM D5185m		3		
	Sulfur	ppm	ASTM D5185m		255		
	Acid Number (AN)	mg KOH/g	ASTM D8045		0.21		
	Visc @ 100°C	cSt	ASTM D445		<b>15.3</b>		
Inport Id: LICCUEWA [WI ISCAD] 05645505 (Congreted: 04/05/2024 19:00:22) Pour 1			0 1 1		· DOMINI IN	200041	





Certificate L2367

Laboratory Sample No.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : TR05645595 Lab Number : 05645595

Unique Number : 10140134

Received **Tested** Diagnosed

Test Package : MOB 2 ( Additional Tests: KV100 )

To discuss this sample report, contact Customer Service at 1-800-827-0711. \* - Denotes test methods that are outside of the ISO 17025 scope of accreditation. **HIGHLINE GRAIN GROWERS** 

9025 S CRAIG RD CHENEY, WA US 99004

Contact: RONALD GROGAN

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

: 19 Sep 2022

: 21 Sep 2022

: 21 Sep 2022 - Don Baldridge

T: F: