

## **OIL ANALYSIS REPORT**

Sample Rating Trend



Machine Id 912096 Component

Diesel Engine

PETRO CANADA DURON SHP 15W40 (40 QTS)

Sample Date         Client Info         21 Mar 2024         04 Jan 2024         04 Oct 202           Machine Age         hrs         Client Info         4019         S436         2917           Oil Age         hrs         Client Info         583         519         573           Oil Changed         Client Info         Changed         NORMAL         NORMA		MATION	method	limit/base	current	history1	history2
Sample Date         Image         Client Info         21 Mar 2024         04 Jan 2024         04 Oct 202           Machine Age         hrs         Client Info         4019         3436         2917           Oil Age         hrs         Client Info         583         519         573           Oil Changed         Client Info         Changed         Changed	Sample Number		Client Info		GFL0110745	GFL0092873	GFL009285
Oil Age     hrs     Client Info     583     519     573       Oil Changed     Client Info     Changed     Changed     Changed     Changed     Changed     Changed     Changed     NORMAL     NO			Client Info		21 Mar 2024	04 Jan 2024	04 Oct 2023
Cilient Info     Client Info     Changed     Changed     Changed     Changed     Changed       Sample Status     Image     MORMAL     NORMAL     NORMAL     NORMAL       CONTAMINATION     method     Jimit/base     current     history1     history1       Fuel     WC Method     >3.0     <1.0	Machine Age	hrs	Client Info		4019	3436	2917
Sample Status         Imit base         CUNTAMINATION         method         limit/base         current         history1         history1           Fuel         WC Method         >3.0         <1.0	Oil Age	hrs	Client Info		583	519	573
CONTAMINATION         method         limit/base         current         history1         history1           Fuel         WC Method         >3.0         <1.0	Oil Changed		Client Info		Changed	Changed	Changed
Fuel         WC Method         >3.0         <1.0	Sample Status				ABNORMAL	NORMAL	NORMAL
Water         WC Method         >0.2         NEG         NEG         NEG         NEG           Glycol         WC Method         WC Method         NEG         NEG         NEG         NEG           WEAR METALS         method         limit/base         current         history1         history1           Iron         ppm         ASTM D5185m         >120         17         15         16           Chromium         ppm         ASTM D5185m         >20         2         <1         0           Nickel         ppm         ASTM D5185m         >2         0         0         0           Aluminum         ppm         ASTM D5185m         >20         2         2         <1         0         0           Copper         ppm         ASTM D5185m         >20         2         <1         0         0           Cadmium         ppm         ASTM D5185m         >20         2         <1         1         0         0         0         1         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0 <t< th=""><th>CONTAMINAT</th><th>ION</th><th>method</th><th>limit/base</th><th>current</th><th>history1</th><th>history2</th></t<>	CONTAMINAT	ION	method	limit/base	current	history1	history2
Glycol         WC Method         NEG         NEG         NEG         NEG           WEAR METALS         method         limit/base         current         history1         history1           Iron         ppm         ASTM D5185m         >20         2         <10	Fuel		WC Method	>3.0	<1.0	<1.0	<1.0
WEAR METALS         method         limit/base         current         history1         history1           Iron         ppm         ASTM D5185m         >120         17         15         16           Chromium         ppm         ASTM D5185m         >20         2         <1	Water		WC Method	>0.2	NEG	NEG	NEG
Iron         ppm         ASTM D5185m         >120         17         15         16           Chromium         ppm         ASTM D5185m         >20         2         <1	Glycol		WC Method		NEG	NEG	NEG
Chromium         ppm         ASTM D5185m         >20         2         <1	WEAR METAL	.S	method	limit/base	current	history1	history2
Nickel         ppm         ASTM D5185m         >5         A 8         4         1           Titanium         ppm         ASTM D5185m         >2         <1	Iron	ppm	ASTM D5185m	>120	17	15	16
Nickel         ppm         ASTM D5185m         >5         A 8         4         1           Titanium         ppm         ASTM D5185m         >2         <1	Chromium	ppm	ASTM D5185m	>20	2	<1	0
Titanium         ppm         ASTM D5185m         >2         <1         0         0           Silver         ppm         ASTM D5185m         >2         0         0         0           Aluminum         ppm         ASTM D5185m         >20         2         2         <1	Nickel			>5	<u> </u>		1
Silver         ppm         ASTM D5185m         >2         0         0         0           Aluminum         ppm         ASTM D5185m         >20         2         2         <1	Titanium		ASTM D5185m	>2	<1	0	0
Aluminum         ppm         ASTM D5185m         >20         2         2         <1           Lead         ppm         ASTM D5185m         >40         1         0         0           Copper         ppm         ASTM D5185m         >330         2         4         1           Tin         ppm         ASTM D5185m         >15         2         <1	Silver			>2	0	0	0
Lead         ppm         ASTM D5185m         >40         1         0         0           Copper         ppm         ASTM D5185m         >330         2         4         1           Tin         ppm         ASTM D5185m         >15         2         <1	Aluminum			>20	2	2	<1
Copper         ppm         ASTM D5185m         >330         2         4         1           Tin         ppm         ASTM D5185m         >15         2         <1	Lead			>40	1	0	0
Tin         ppm         ASTM D5185m         >15         2         <1         <1           Vanadium         ppm         ASTM D5185m         <	Copper	ppm	ASTM D5185m	>330	2	4	1
Vanadium         ppm         ASTM D5185m         <1         <1         0           Cadmium         ppm         ASTM D5185m         <1         0         0           ADDITIVES         method         limit/base         current         history1         history1           Boron         ppm         ASTM D5185m         0         16         9         4           Barium         ppm         ASTM D5185m         0         <10         0         0           Malybdenum         ppm         ASTM D5185m         0         <11         0         0           Magnesium         ppm         ASTM D5185m         0         11         <1         0           Galcium         ppm         ASTM D5185m         1010         916         961         971           Calcium         ppm         ASTM D5185m         1070         1138         1137         1082           Phosphorus         ppm         ASTM D5185m         1270         1246         1274         1229           Sulfur         ppm         ASTM D5185m         260         2856         2880         2613           CONTAMINANTS         method         limit/base         current         history1			ASTM D5185m	>15	2	<1	<1
ADDITIVES         method         limit/base         current         history1         history1           Boron         ppm         ASTM D5185m         0         16         9         4           Barium         ppm         ASTM D5185m         0         <1	Vanadium				<1	<1	0
Boron         ppm         ASTM D5185m         0         16         9         4           Barium         ppm         ASTM D5185m         0         <1         0         0           Molybdenum         ppm         ASTM D5185m         60         59         61         58           Manganese         ppm         ASTM D5185m         0         1         <1         0           Magnesium         ppm         ASTM D5185m         1010         916         961         971           Calcium         ppm         ASTM D5185m         1070         1138         1137         1082           Phosphorus         ppm         ASTM D5185m         1070         1246         1274         1229           Sulfur         ppm         ASTM D5185m         1270         1246         1274         1229           Sulfur         ppm         ASTM D5185m         2060         2856         2880         2613           CONTAMINANTS         method         limit/base         current         history1         history1           Silicon         ppm         ASTM D5185m         >20         3         1         <1           INFRA-RED         method         limit/base	Cadmium	ppm	ASTM D5185m		<1	0	0
Barium         ppm         ASTM D5185m         0         <1	ADDITIVES		method	limit/base	current	history1	history2
Molybdenum         ppm         ASTM D5185m         60         59         61         58           Manganese         ppm         ASTM D5185m         0         1         <1	Boron			•			
Marganese         ppm         ASTM D5185m         0         1         <1         0           Magnesium         ppm         ASTM D5185m         1010         916         961         971           Calcium         ppm         ASTM D5185m         1070         1138         1137         1082           Phosphorus         ppm         ASTM D5185m         1070         1138         1137         1082           Phosphorus         ppm         ASTM D5185m         1070         1246         1274         1229           Sulfur         ppm         ASTM D5185m         2060         2856         2880         2613           CONTAMINANTS         method         limit/base         current         history1         history           Silicon         ppm         ASTM D5185m         >25         5         4         4           Sodium         ppm         ASTM D5185m         >20         3         1         <1		ppm	ASTM D5185m	0	16	9	4
Magnesium         ppm         ASTM D5185m         1010         916         961         971           Calcium         ppm         ASTM D5185m         1070         1138         1137         1082           Phosphorus         ppm         ASTM D5185m         1070         1138         1137         1082           Zinc         ppm         ASTM D5185m         1270         1246         1274         1229           Sulfur         ppm         ASTM D5185m         2060         2856         2880         2613           CONTAMINANTS         method         limit/base         current         history1         history           Silicon         ppm         ASTM D5185m         >25         5         4         4           Sodium         ppm         ASTM D5185m         >20         3         1         <1	Barium				-		
Calcium         ppm         ASTM D5185m         1070         1138         1137         1082           Phosphorus         ppm         ASTM D5185m         1070         1138         1137         1082           Phosphorus         ppm         ASTM D5185m         1150         950         1024         943           Zinc         ppm         ASTM D5185m         1270         1246         1274         1229           Sulfur         ppm         ASTM D5185m         2060         2856         2880         2613           CONTAMINANTS         method         limit/base         current         history1         history           Silicon         ppm         ASTM D5185m         >25         5         4         4           Sodium         ppm         ASTM D5185m         >20         3         1         <1		ppm	ASTM D5185m	0	<1	0	0
Phosphorus         ppm         ASTM D5185m         1150         950         1024         943           Zinc         ppm         ASTM D5185m         1270         1246         1274         1229           Sulfur         ppm         ASTM D5185m         2060         2856         2880         2613           CONTAMINANTS         method         limit/base         current         history1         history           Silicon         ppm         ASTM D5185m         >25         5         4         4           Sodium         ppm         ASTM D5185m         >20         3         1         <1	Molybdenum	ppm ppm	ASTM D5185m ASTM D5185m	0 60	<1 59	0 61	0 58
Zinc         ppm         ASTM D5185m         1270         1246         1274         1229           Sulfur         ppm         ASTM D5185m         2060         2856         2880         2613           CONTAMINANTS         method         limit/base         current         history1         history           Silicon         ppm         ASTM D5185m         >25         5         4         4           Sodium         ppm         ASTM D5185m         >20         3         1         <1	Molybdenum Manganese	ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m	0 60 0	<1 59 1	0 61 <1	0 58 0
SulfurppmASTM D5185m2060285628802613CONTAMINANTSmethodlimit/basecurrenthistory1history1SiliconppmASTM D5185m>25544SodiumppmASTM D5185m>2031<1	Molybdenum Manganese Magnesium	ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	0 60 0 1010	<1 59 1 916	0 61 <1 961	0 58 0 971
CONTAMINANTSmethodlimit/basecurrenthistory1history1SiliconppmASTM D5185m>25544SodiumppmASTM D5185m>2031<1	Molybdenum Manganese Magnesium Calcium	ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	0 60 0 1010 1070	<1 59 1 916 1138	0 61 <1 961 1137	0 58 0 971 1082
Silicon         ppm         ASTM D5185m         >25         5         4         4           Sodium         ppm         ASTM D5185m         20         2         4         7           Potassium         ppm         ASTM D5185m         >20         3         1         <1	Molybdenum Manganese Magnesium Calcium Phosphorus	ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	0 60 0 1010 1070 1150	<1 59 1 916 1138 950	0 61 <1 961 1137 1024	0 58 0 971 1082 943
Sodium         ppm         ASTM D5185m         2         4         7           Potassium         ppm         ASTM D5185m         >20         3         1         <1           INFRA-RED         method         limit/base         current         history1         history           Soot %         %         *ASTM D7844         >4         0.8         0.7         0.8           Nitration         Abs/cm         *ASTM D7624         >20         10.3         9.7         9.1           Sulfation         Abs/.1mm         *ASTM D7415         >30         21.2         21.3         20.8           FLUID DEGRADATION         method         limit/base         current         history1         history1           Oxidation         Abs/.1mm         *ASTM D7414         >25         17.7         16.8         17.1	Molybdenum Manganese Magnesium Calcium Phosphorus Zinc	ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	0 60 0 1010 1070 1150 1270	<1 59 1 916 1138 950 1246	0 61 <1 961 1137 1024 1274	0 58 0 971 1082 943 1229
Potassium         ppm         ASTM D5185m         >20         3         1         <1           INFRA-RED         method         limit/base         current         history1         history           Soot %         %         *ASTM D7844         >4         0.8         0.7         0.8           Nitration         Abs/cm         *ASTM D7624         >20         10.3         9.7         9.1           Sulfation         Abs/.1mm         *ASTM D7415         >30         21.2         21.3         20.8           FLUID DEGRADATION         method         limit/base         current         history1         history1           Oxidation         Abs/.1mm         *ASTM D7414         >25         17.7         16.8         17.1	Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur	ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	0 60 0 1010 1070 1150 1270 2060	<1 59 1 916 1138 950 1246 2856	0 61 <1 961 1137 1024 1274 2880	0 58 0 971 1082 943 1229 2613
INFRA-RED         method         limit/base         current         history1         history           Soot %         %         *ASTM D7844         >4         0.8         0.7         0.8           Nitration         Abs/cm         *ASTM D7624         >20         10.3         9.7         9.1           Sulfation         Abs/.1mm         *ASTM D7415         >30         21.2         21.3         20.8           FLUID DEGRADATION         method         limit/base         current         history1         history           Oxidation         Abs/.1mm         *ASTM D7414         >25         17.7         16.8         17.1	Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon	ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	0 60 0 1010 1070 1150 1270 2060 limit/base	<1 59 1 916 1138 950 1246 2856 current 5	0 61 <1 961 1137 1024 1274 2880 history1	0 58 0 971 1082 943 1229 2613 history2
Soot %         %         *ASTM D7844         >4         0.8         0.7         0.8           Nitration         Abs/cm         *ASTM D7624         >20         10.3         9.7         9.1           Sulfation         Abs/.1mm         *ASTM D7415         >30         21.2         21.3         20.8           FLUID DEGRADATION         method         limit/base         current         history1         history           Oxidation         Abs/.1mm         *ASTM D7414         >25         17.7         16.8         17.1	Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium	ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m <b>method</b> ASTM D5185m ASTM D5185m	0 60 0 1010 1070 1150 1270 2060 limit/base >25	<1 59 1 916 1138 950 1246 2856 current 5 2	0 61 <1 961 1137 1024 1274 2880 history1 4 4	0 58 0 971 1082 943 1229 2613 history2 4 7
Nitration         Abs/cm         *ASTM D7624         >20         10.3         9.7         9.1           Sulfation         Abs/.1mm         *ASTM D7624         >30         21.2         21.3         20.8           FLUID DEGRADATION         method         limit/base         current         history1         history           Oxidation         Abs/.1mm         *ASTM D7414         >25         17.7         16.8         17.1	Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium	ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m <b>method</b> ASTM D5185m ASTM D5185m	0 60 0 1010 1070 1150 1270 2060 limit/base >25	<1 59 1 916 1138 950 1246 2856 current 5 2	0 61 <1 961 1137 1024 1274 2880 history1 4 4	0 58 0 971 1082 943 1229 2613 history2 4 7
Sulfation         Abs/.1mm         *ASTM D7415         >30         21.2         21.3         20.8           FLUID DEGRADATION         method         limit/base         current         history1         history           Oxidation         Abs/.1mm         *ASTM D7414         >25         17.7         16.8         17.1	Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium	ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m	0 60 0 1010 1070 1150 1270 2060 <b>limit/base</b> >25 >20	<1 59 1 916 1138 950 1246 2856 current 5 2 3	0 61 <1 961 1137 1024 1274 2880 history1 4 4 1	0 58 0 971 1082 943 1229 2613 history2 4 7 <1
FLUID DEGRADATION         method         limit/base         current         history1         history           Oxidation         Abs/.1mm         *ASTM D7414         >25         17.7         16.8         17.1	Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium INFRA-RED	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m	0 60 0 1010 1070 1150 1270 2060 limit/base >25 >20	<1 59 1 916 1138 950 1246 2856 current 5 2 3 3 current	0 61 <1 961 1137 1024 1274 2880 history1 4 4 1 history1	0 58 0 971 1082 943 1229 2613 history2 4 7 <1 history2
Oxidation Abs/.1mm *ASTM D7414 >25 17.7 16.8 17.1	Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium INFRA-RED Soot %	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m	0 60 0 1010 1070 1150 1270 2060 <i>limit/base</i> >25 >20 <i>limit/base</i>	<1 59 1 916 1138 950 1246 2856 current 5 2 3 current 0.8	0 61 <1 961 1137 1024 1274 2880 history1 4 4 1 1 history1 0.7	0 58 0 971 1082 943 1229 2613 history2 4 7 <1 history2 0.8
	Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium INFRA-RED Soot % Nitration	ppm ppm ppm ppm ppm ppm ppm ppm ppm vpm ppm p	ASTM D5185m ASTM D5185m	0 60 0 1010 1070 1150 1270 2060 <b>limit/base</b> >25 >20 <b>limit/base</b> >20	<1 59 1 916 1138 950 1246 2856 current 5 2 3 current 0.8 10.3	0 61 <1 961 1137 1024 1274 2880 history1 4 4 4 1 1 history1 0.7 9.7	0 58 0 971 1082 943 1229 2613 history2 4 7 <1 history2 0.8 9.1
Base Number (BN) mg KOH/g ASTM D2896 9.8 6.5 6.8 6.8	Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium INFRA-RED Soot % Nitration Sulfation	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D7844 *ASTM D7624	0 60 0 1010 1070 1150 1270 2060 Iimit/base >25 >20 Iimit/base >20 >4 >20 >30	<1 59 1 916 1138 950 1246 2856 current 5 2 3 current 0.8 10.3 21.2	0 61 <1 961 1137 1024 1274 2880 history1 4 4 4 1 1 0.7 9.7 21.3	0 58 0 971 1082 943 1229 2613 history2 4 7 <1 history2 0.8 9.1 20.8
	Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium INFRA-RED Soot % Nitration Sulfation FLUID DEGRA	ppm ppm ppm ppm ppm ppm ppm ppm <b>JTS</b> ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D7844 *ASTM D7624 *ASTM D7415	0 60 0 1010 1070 1150 1270 2060 limit/base >25 	<1 59 1 916 1138 950 1246 2856 current 5 2 3 current 0.8 10.3 21.2 current	0 61 <1 961 1137 1024 1274 2880 history1 4 4 4 1 1 history1 0.7 9.7 21.3 history1	0 58 0 971 1082 943 1229 2613 history2 4 7 <1 history2 0.8 9.1 20.8 history2

#### Recommendation

No corrective action is recommended at this time. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

### 🔺 Wear

Valve wear is indicated. All other component wear rates are normal.

#### Contamination

There is no indication of any contamination in the oil.

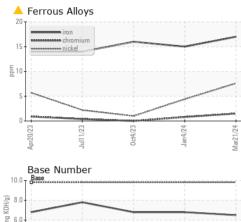
#### Fluid Condition

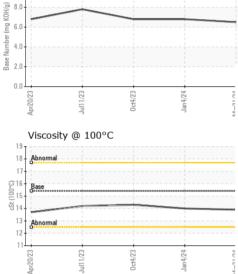
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

Submitted By: TECHNICIAN ACCOUNT



# **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
a ward a state of the state of	Debris	scalar	*Visual	NONE	NONE	NONE	NONE
AT THE OWNER OF THE OWNER	Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Jan4/24 Mar21/24	Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
, w	Odor	scalar	*Visual	NORML	NORML	NORML	NORML
	Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG
	Free Water	scalar	*Visual		NEG	NEG	NEG
				limit/base	current	history1	history2
	Visc @ 100°C GRAPHS	cSt	ASTM D445	15.4	13.9	14.0	14.3
	Ferrous Alloys						
Jan 4/24	16 - iron chromium	-		and a state of the			
fuel	14 nickel						
1	E <sup>10</sup> -			-			
	6		and a state of the	Barren and Andrew Street St			
	4		and the survey of the second				
	O ARTICLE CONTRACTOR OF THE OWNER OWNE		and the distant of th				
	Apr20/23	0ct4/23	Jan4/24	Mar21/24			
			, ,	Ma			
24	Non-ferrous Meta	ls					
Jan 4/24	copper						
-	8 - ensesses tin						
	6-						
	E d d						
			$\wedge$				
	2	/					
	0	**************************************	Contraction of the second s	ad Charles and a			
	Apr20/23 Jul11/23	0ct4/23	Jan4/24	Mar21/24			
			ŗ	PM			
	Viscosity @ 100°C	_			Base Number		
	18 - Abnormal			10.0	Base		
	17-			( <sup>B</sup> } <sup>8.0</sup>			
	2 <sup>16</sup> Base						
	Base 0 15 15 14			ber (n			
				4.0 %			
	13 Abnormal			2.0			
	12			0.0			
		0ct4/23 -	Jan4/24 -		Apr20/23	0ct4/23 +	Jan4/24 - Aar21/24 +
	Apr20/23 Jul11/23	Oct	Jan	Mar21/24	Apr20/23 Jul11/23	0ct	Jan4/24 Mar21/24
Laboratory	: WearCheck USA - 50	)1 Madisc	on Ave Carv	NC 27513	GFI Fn	vironmental - 411	- Kingsford HC
Sample No.	: GFL0110745	Rece		7 Mar 2024			1001 E Blvd
Lab Number	: 06130425	Teste		3 Mar 2024	D		Kingsford, MI
		Diag	nosed : 30	Mar 2024 - Don	Baldridge	Contact: C	US 49802 ervice Manager
Test Package	. I LEE I	vice at 1	000 007 1060	n		Contact. Se	ervice iviariager

Certificate 12367 Certificate 12367 Condiscuss this sample report contact Cur

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)

Submitted By: TECHNICIAN ACCOUNT