

### **OIL ANALYSIS REPORT**

Sample Rating Trend

ISO

# **HIDE RACEWAY AC**

Air Compressor Fluid USPI MAX FG AIR 46 (--- GAL)

#### DIAGNOSIS

Machine Id

#### A Recommendation

We recommend you service the filters on this component. Resample at the next service interval to monitor.

#### Wear

All component wear rates are normal.

#### Contamination

There is a high amount of particulates present in the oil.

#### Fluid Condition

Phosphorus confirmed. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Sample Date     Client Info     02 Jun 2024     28 Jan 2024     24 Sep 2023       Machine Age     hrs     Client Info     0     0     0       Oil Age     hrs     Client Info     0     0     0       Oil Changed     Client Info     N/A     N/A     N/A       Sample Status     method     limit/base     current     history!     history!       WEAR METALS     method     limit/base     current     history!     history!       Iron     ppm     ASTM D5155m     >50     0     0     0     0       Okckel     ppm     ASTM D5155m     >44     0     0     0     1       Bitory     ppm     ASTM D5155m     >40     0     0     0     1       Barium     ppm     ASTM D5155m     >20     0     0     21     2       Adamium     ppm     ASTM D5155m     >40     -11     <1	SAMPLE INFORM	ATION	method	limit/base	current	history1	history2
Machine Age hrs Client Info 0 0 0   Oil Age hrs Client Info N/A N/A N/A   Sample Status Image Client Info N/A ABNORMAL ABNORMAL ABNORMAL   WEAR METALS method Imil/base current history1 history2   Iron ppm ASTM D5165m >4 0 0 0   Nickel ppm ASTM D5165m >4 0 0 0   Silver ppm ASTM D5165m >20 0 0 0   Itanium ppm ASTM D5165m >20 0 0 0   Cadmium ppm ASTM D5165m >20 0 0 0   Cadmium ppm ASTM D5165m >20 0 0 0   ADDITIVES method Imil/base current history1 history2   Boron ppm ASTM D5165m 0 0 0 0   Manganese ppm ASTM D5165m 0 0 0 0   Manganese ppm ASTM D5165m 0 0 0 0   Manganese ppm ASTM D5165m	Sample Number		Client Info		USPM36397	USPM30794	USPM29818
Oli Age     hrs     Client Info     0     0     0       Oil Changed     Client Info     N/A     ABNORMAL     ABNORMAL     ABNORMAL       Sample Status     method     limit/base     current     history1     history2       Iron     ppm     ASTM D5185m     >50     0     0     0       Chromium     ppm     ASTM D5185m     >4     0     0     0       Nickel     ppm     ASTM D5185m     >4     0     0     0       Silver     ppm     ASTM D5185m     >10     0     0     0       Aduminum     ppm     ASTM D5185m     >20     0     0     0       Adaminum     ppm     ASTM D5185m     >20     0     0     0       Cadmium     ppm     ASTM D5185m     >5     0     0     0     0       ADDITIVES     method     limit/base     current     history1     history2       Boron     ppm     ASTM D5185m     0     0     0	Sample Date		Client Info		02 Jun 2024	28 Jan 2024	24 Sep 2023
Oli Changed     Client Info     N/A     N/A     N/A     ABNORMAL     ABNORMAL     ABNORMAL     ABNORMAL       WEAR METALS     method     limit/base     current     history1     history2       Iron     ppm     ASTN D5185m     >50     0     0     0       Chromium     ppm     ASTN D5185m     >44     0     0     0       Nickel     ppm     ASTN D5185m     >44     0     0     0       Silver     ppm     ASTN D5185m     >40     0     0     0       Lead     ppm     ASTN D5185m     >40     <1     <1     2       Cadmium     ppm     ASTN D5185m     >40     <1<     <1     2       Cadmium     ppm     ASTN D5185m     0     0     0     <1     <1       ADDITIVES     method     limit/base     current     history1     history2       Baron     0     0     0     0     0     0     0       Cadmium     ppm </td <td>Machine Age</td> <td>hrs</td> <td>Client Info</td> <td></td> <th>0</th> <td>0</td> <td>0</td>	Machine Age	hrs	Client Info		0	0	0
Sample Status     method     Imit/base     current     ABNORMAL     ABNORMAL     ABNORMAL       WEAR METALS     method     limit/base     current     history1     history2       Iron     ppm     ASTM D5185m     >50     0     0     0       Nickel     ppm     ASTM D5185m     >4     0     0     0       Nickel     ppm     ASTM D5185m     >4     0     0     0       Aluminum     ppm     ASTM D5185m     >20     0     0     <1	Oil Age	hrs	Client Info		0	0	0
WEAR METALS     method     limit/base     current     history1     history2       Iron     ppm     ASTM D5185m     >50     0     0     0       Nickel     ppm     ASTM D5185m     >44     0     0     0       Nickel     ppm     ASTM D5185m     0     0     0     0       Silver     ppm     ASTM D5185m     0     0     0     0       Aduminum     ppm     ASTM D5185m     >10     0     0     0       Aduminum     ppm     ASTM D5185m     >20     0     0     0     0       Cadmium     ppm     ASTM D5185m     >50     0     0     0     0       ASTM D5185m     >50     0     0     0     0     0     0       ASTM D5185m     0     0     0     0     0     0     0       ASTM D5185m     0     0     0     0     0     0     0       Manganese     ppm     ASTM D5185m	Oil Changed		Client Info		N/A	N/A	N/A
Iron     ppm     ASTM D5185m     >50     0     0     0       Nickel     ppm     ASTM D5185m     >4     0     0     0       Nickel     ppm     ASTM D5185m     >4     0     0     0       Silver     ppm     ASTM D5185m     0     0     0     0       Auminum     ppm     ASTM D5185m     >10     0     0     0     0       Auminum     ppm     ASTM D5185m     >20     0     0     0     0       Copper     ppm     ASTM D5185m     >20     0     0     0     0       Yanadium     ppm     ASTM D5185m     >5     0     0     0     0       ADDITIVES     method     limit/base     current     history1     history2       Boron     ppm     ASTM D5185m     0     0     0     0       Maganese     ppm     ASTM D5185m     0     0     0     0       Maganesium     ppm     ASTM D5185m	Sample Status				ABNORMAL	ABNORMAL	ABNORMAL
Chromium     ppm     ASTM D5185m     >4     0     0     0       Nickel     ppm     ASTM D5185m     >4     0     0     0       Silver     ppm     ASTM D5185m     0     0     0     0       Silver     ppm     ASTM D5185m     0     0     0     0       Lead     ppm     ASTM D5185m     >20     0     0     0     0       Vanadium     ppm     ASTM D5185m     >20     0     0     0     1       Vanadium     ppm     ASTM D5185m     >40     <1     <1     2     1       Vanadium     ppm     ASTM D5185m     0     0     0     <1     1       ADDITIVES     method     limit/base     current     history1     history2       Boron     ppm     ASTM D5185m     0     0     0     0     0       Caldium     ppm     ASTM D5185m     0     0     0     0     0     0       Calaium	WEAR METALS		method	limit/base	current	history1	history2
Nickel     ppm     ASTM D5185m     >4     0     0     0       Titanium     ppm     ASTM D5185m     0     0     0     0       Silver     ppm     ASTM D5185m     0     0     0     0       Aluminum     ppm     ASTM D5185m     >20     0     0     0       Lead     ppm     ASTM D5185m     >20     0     0     0       Copper     ppm     ASTM D5185m     >5     0     0     0       Cadmium     ppm     ASTM D5185m     0     0     0     <1	Iron	ppm	ASTM D5185m	>50	0	0	0
Nickel     ppm     ASTM D5185m     >4     0     0     0       Titanium     ppm     ASTM D5185m     0     0     0     0       Silver     ppm     ASTM D5185m     >10     0     0     0       Aluminum     ppm     ASTM D5185m     >20     0     0     0       Lead     ppm     ASTM D5185m     >5     0     0     0       Copper     ppm     ASTM D5185m     >5     0     0     0       Cadmium     ppm     ASTM D5185m     0     0     0     1       ADDITIVES     method     limit/base     current     history1     history2       Boron     ppm     ASTM D5185m     0     0     0     0       Magnesium     ppm     ASTM D5185m     0     0     0     0       Calcium     ppm     ASTM D5185m     0     3     6     18       Zinc     ppm     ASTM D5185m     0     3     0     0 <td>Chromium</td> <td>ppm</td> <td>ASTM D5185m</td> <td>&gt;4</td> <th>0</th> <td>0</td> <td>0</td>	Chromium	ppm	ASTM D5185m	>4	0	0	0
Titanium     ppm     ASTM D5185m     0     <1     0       Silver     ppm     ASTM D5185m     0     0     0     0       Aluminum     ppm     ASTM D5185m     >10     0     0     <1	Nickel		ASTM D5185m	>4	0	0	0
Silver     ppm     ASTM D5185m     0     0     0       Aluminum     ppm     ASTM D5185m     >10     0     0     <1	Titanium		ASTM D5185m		0	<1	0
Aluminum     ppm     ASTM D5185m     >10     0     0     <1       Lead     ppm     ASTM D5185m     >20     0     0     0       Copper     ppm     ASTM D5185m     >40     <1					0		0
Lead     ppm     ASTM D5185m     >20     0     0     0       Copper     ppm     ASTM D5185m     >40     <1	Aluminum			>10	-	0	<1
Copper     ppm     ASTM D5185m     >40     <1     <1     2       Tin     ppm     ASTM D5185m     >5     0     0     0       Vanadium     ppm     ASTM D5185m     0     0     0     <1					-		
Tin     ppm     ASTM D5185m     >5     0     0     0       Vanadium     ppm     ASTM D5185m     0     0     <1       ADDITIVES     method     limit/base     current     history1     history2       Boron     ppm     ASTM D5185m     0     0     0     0     0       Barium     ppm     ASTM D5185m     0     0     0     0     0     0       Molybdenum     ppm     ASTM D5185m     0     0     0     0     0     0       Manganese     ppm     ASTM D5185m     0     0     0     0     0     0       Manganesium     ppm     ASTM D5185m     0     0     0     0     0     0       Calcium     ppm     ASTM D5185m     0     4     0     0     0       Sulfur     ppm     ASTM D5185m     0     4     0     0     0       Sulfur     ppm     ASTM D5185m     20     0     <1					-		
Vanadium     ppm     ASTM D5185m     0     0     <1       Cadmium     ppm     ASTM D5185m     0     0     <1							
Cadmium     ppm     ASTM D5185m     0     0     <1       ADDITIVES     method     limit/base     current     history1     history2       Boron     ppm     ASTM D5185m     0     0     0     0     0       Barium     ppm     ASTM D5185m     0     0     0     0     0       Manganese     ppm     ASTM D5185m     0     0     0     0     0       Manganese     ppm     ASTM D5185m     0     0     0     0     0       Manganese     ppm     ASTM D5185m     0     0     0     0     0       Magnesium     ppm     ASTM D5185m     0     3     6     18       Zinc     ppm     ASTM D5185m     0     9     0     0       Sulfur     ppm     ASTM D5185m     0     9     0     0       Sulfur     ppm     ASTM D5185m     25     0     0     <1       Sodium     ppm     ASTM D5185m					-		
Boron     ppm     ASTM D5185m     0     0     0     0     0       Barium     ppm     ASTM D5185m     0     0     0     0       Molybdenum     ppm     ASTM D5185m     0     0     0     0       Manganese     ppm     ASTM D5185m     0     0     0     0       Magnesium     ppm     ASTM D5185m     0     0     0     0       Calcium     ppm     ASTM D5185m     0     0     0     0       Phosphorus     ppm     ASTM D5185m     0     3     6     18       Zinc     ppm     ASTM D5185m     0     4     0     0       Sulfur     ppm     ASTM D5185m     0     9     0     0       Sulfur     ppm     ASTM D5185m     225     0     0     <1					-		
Barium     ppm     ASTM D5185m     0     0     0     0     0       Molybdenum     ppm     ASTM D5185m     0     0     0     0       Magnesium     ppm     ASTM D5185m     0     0     0     0       Magnesium     ppm     ASTM D5185m     0     0     0     0       Calcium     ppm     ASTM D5185m     0     0     0     0       Phosphorus     ppm     ASTM D5185m     0     3     6     18       Zinc     ppm     ASTM D5185m     0     4     0     0       Sulfur     ppm     ASTM D5185m     0     9     0     0       Sulfur     ppm     ASTM D5185m     25     0     0     <1       Sodium     ppm     ASTM D5185m     >25     0     0     <1       Sodium     ppm     ASTM D5185m     >20     0     0     2       Vater     %     ASTM D5185m     >20     0     0.011	ADDITIVES		method	limit/base	current	history1	history2
Barium     ppm     ASTM D5185m     0     0     0     0     0       Molybdenum     ppm     ASTM D5185m     0     0     0     0       Magnesium     ppm     ASTM D5185m     0     0     0     0       Magnesium     ppm     ASTM D5185m     0     0     0     0       Calcium     ppm     ASTM D5185m     0     0     0     0       Phosphorus     ppm     ASTM D5185m     0     3     6     18       Zinc     ppm     ASTM D5185m     0     4     0     0       Sulfur     ppm     ASTM D5185m     0     9     0     0       Sulfur     ppm     ASTM D5185m     25     0     0     <1	Boron	maa	ASTM D5185m	0	0	0	0
Molybdenum     ppm     ASTM D5185m     0     0     0     0     0       Manganese     ppm     ASTM D5185m     0     0     0     0     0     0       Magnesium     ppm     ASTM D5185m     0     0     0     0     0     0     0       Calcium     ppm     ASTM D5185m     0     3     6     18       Zinc     ppm     ASTM D5185m     0     4     0     0       Sulfur     ppm     ASTM D5185m     0     9     0     0     0       Sulfur     ppm     ASTM D5185m     0     9     0     0        Sodium     ppm     ASTM D5185m     >25     0     0     <<11     <1     2       Potassium     ppm     ASTM D5185m     >20     0     0     2       Water     %     ASTM D6304     >0.0     137     115     690       FLUID CLEANLINESS     method     limit/base     current     histo	Barium			0			
Maganese   ppm   ASTM D5185m   0   0   0   0     Magnesium   ppm   ASTM D5185m   0   0   0   0     Calcium   ppm   ASTM D5185m   0   3   6   18     Zinc   ppm   ASTM D5185m   0   4   0   0     Sulfur   ppm   ASTM D5185m   0   9   0   0     Sulfur   ppm   ASTM D5185m   0   9   0   0     Sulfur   ppm   ASTM D5185m   0   9   0   0     Solicon   ppm   ASTM D5185m   >25   0   0   <1					0		
Magnesium     ppm     ASTM D5185m     0     0     0     0     0       Calcium     ppm     ASTM D5185m     0     3     6     18       Zinc     ppm     ASTM D5185m     0     4     0     0       Sulfur     ppm     ASTM D5185m     0     9     0     0       CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185m     >25     0     0     <1	-						0
Calcium     ppm     ASTM D5185m     0     0     0     0     0       Phosphorus     ppm     ASTM D5185m     0     3     6     18       Zinc     ppm     ASTM D5185m     0     4     0     0       Sulfur     ppm     ASTM D5185m     0     9     0     0       CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185m     >25     0     0     <1	-			0	0		
Phosphorus     ppm     ASTM D5185m     0     3     6     18       Zinc     ppm     ASTM D5185m     0     4     0     0       Sulfur     ppm     ASTM D5185m     0     9     0     0       CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185m     >25     0     0     <1       Sodium     ppm     ASTM D5185m     >25     0     0     <1       Potassium     ppm     ASTM D5185m     >20     0     0     2       Water     %     ASTM D6304     >0.6     0.013     0.011     0.069       ppm     ASTM D6304     >600     137     115     690       FLUID CLEANLINESS     method     limit/base     current     history1     history2       Particles >4µm     ASTM D7647     >5000     16358     18555     5951       Particles >14µm     ASTM D7647     >160     304     68     552 </td <td>Ū</td> <td></td> <td>ASTM D5185m</td> <td>0</td> <th></th> <td>0</td> <td>0</td>	Ū		ASTM D5185m	0		0	0
Zinc     ppm     ASTM D5185m     0     4     0     0       Sulfur     ppm     ASTM D5185m     0     9     0     0       CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185m     >25     0     0     <1	Phosphorus		ASTM D5185m	0	3		18
SulfurppmASTM D5185m0900CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>2500<1			ASTM D5185m	0			0
Silicon   ppm   ASTM D5185m   >25   0   0   <1     Sodium   ppm   ASTM D5185m   >20   0   0   21     Potassium   ppm   ASTM D5185m   >20   0   0   2     Water   %   ASTM D6304   >0.6   0.013   0.011   0.069     ppm Water   ppm   ASTM D6304   >6000   137   115   690     FLUID CLEANLINESS   method   limit/base   current   history1   history2     Particles >4µm   ASTM D7647   >5000   16358   18555   5951     Particles >6µm   ASTM D7647   >1300   4300   3577   3242     Particles >14µm   ASTM D7647   >160   304   68   552     Particles >21µm   ASTM D7647   >40   70   12   186     Particles >38µm   ASTM D7647   >3   0   0   3   20/19/16     Oil Cleanliness   ISO 4406 (c)   >19/17/14   21/19/15   21/19/13   20/19/16     FLUID DEGRADATION   method   limit/base	-						
Sodium     ppm     ASTM D5185m     1     <1	CONTAMINANTS		method	limit/base	current	history1	history2
Potassium     ppm     ASTM D5185m     >20     0     0     2       Water     %     ASTM D6304     >0.6     0.013     0.011     0.069       ppm     Matter     ppm     ASTM D6304     >6000     137     115     690       FLUID CLEANLINESS     method     limit/base     current     history1     history2       Particles >4µm     ASTM D7647     >5000     ▲ 16358     ▲ 18555     5951       Particles >6µm     ASTM D7647     >1300     ▲ 4300     ▲ 3577     ▲ 3242       Particles >14µm     ASTM D7647     >160     304     68     ▲ 552       Particles >21µm     ASTM D7647     >10     2     1     29       Particles >38µm     ASTM D7647     >3     0     0     3     20/19/16       Particles >71µm     ASTM D7647     >3     0     0     3     20/19/16       Gli Cleanliness     ISO 4406 (c)     >19/17/14     21/19/15     21/19/13     20/19/16       FLUID DEGRADATION     method     l	Silicon	ppm	ASTM D5185m	>25	0	0	<1
Water   %   ASTM D6304   >0.6   0.013   0.011   0.069     ppm   ASTM D6304   >6000   137   115   690     FLUID CLEANLINESS   method   limit/base   current   history1   history2     Particles >4µm   ASTM D7647   >5000   16358   18555   5951     Particles >6µm   ASTM D7647   >1300   4300   3577   3242     Particles >14µm   ASTM D7647   >160   304   68   552     Particles >21µm   ASTM D7647   >40   70   12   186     Particles >38µm   ASTM D7647   >10   2   1   29     Particles >71µm   ASTM D7647   3   0   0   3     Oil Cleanliness   ISO 4406 (c)   >19/17/14   21/19/15   21/19/13   20/19/16     FLUID DEGRADATION   method   limit/base   current   history1   history2	Sodium	ppm	ASTM D5185m		1	<1	2
ppm Water     ppm     ASTM D6304     >6000     137     115     690       FLUID CLEANLINESS     method     limit/base     current     history1     history2       Particles >4µm     ASTM D7647     >5000     ▲ 16358     ▲ 18555     5951       Particles >6µm     ASTM D7647     >1300     ▲ 4300     ▲ 3577     ▲ 3242       Particles >14µm     ASTM D7647     >160     304     68     ▲ 552       Particles >14µm     ASTM D7647     >40     70     12     ▲ 186       Particles >21µm     ASTM D7647     >10     2     1     △ 29       Particles >38µm     ASTM D7647     >3     0     0     3       Oil Cleanliness     ISO 4406 (c)     >19/17/14     21/19/15     21/19/13     20/19/16       FLUID DEGRADATION     method     limit/base     current     history1     history2	Potassium	ppm	ASTM D5185m	>20	0	0	2
FLUID CLEANLINESS   method   limit/base   current   history1   history2     Particles >4µm   ASTM D7647   >5000   ▲ 16358   ▲ 18555   5951     Particles >6µm   ASTM D7647   >1300   ▲ 4300   ▲ 3577   ▲ 3242     Particles >6µm   ASTM D7647   >160   304   68   ▲ 552     Particles >14µm   ASTM D7647   >40   70   12   ▲ 186     Particles >21µm   ASTM D7647   >10   2   1   ▲ 29     Particles >38µm   ASTM D7647   >3   0   0   3     Oil Cleanliness   ISO 4406 (c)   >19/17/14   21/19/15   ▲ 21/19/13   ▲ 20/19/16     FLUID DEGRADATION   method   limit/base   current   history1   history2	Water	%	ASTM D6304	>0.6	0.013	0.011	0.069
Particles >4µm   ASTM D7647   >5000   ▲ 16358   ▲ 18555   5951     Particles >6µm   ASTM D7647   >1300   ▲ 4300   ▲ 3577   ▲ 3242     Particles >14µm   ASTM D7647   >160   304   68   ▲ 552     Particles >21µm   ASTM D7647   >40   70   12   ▲ 186     Particles >38µm   ASTM D7647   >10   2   1   ▲ 29     Particles >71µm   ASTM D7647   >3   0   0   3     Oil Cleanliness   ISO 4406 (c)   >19/17/14   21/19/15   ▲ 21/19/13   ▲ 20/19/16	ppm Water	ppm	ASTM D6304	>6000	137	115	690
Particles >6µm   ASTM D7647   >1300   ▲ 4300   ▲ 3577   ▲ 3242     Particles >14µm   ASTM D7647   >160   304   68   ▲ 552     Particles >21µm   ASTM D7647   >40   70   12   ▲ 186     Particles >38µm   ASTM D7647   >10   2   1   ▲ 29     Particles >71µm   ASTM D7647   >3   0   0   3     Oil Cleanliness   ISO 4406 (c)   >19/17/14   21/19/15   ▲ 21/19/13   ▲ 20/19/16     FLUID DEGRADATION   method   limit/base   current   history1   history2	FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >14µm   ASTM D7647   >160 <b>304</b> 68   ▲ 552     Particles >21µm   ASTM D7647   >40 <b>70</b> 12   ▲ 186     Particles >38µm   ASTM D7647   >10 <b>2</b> 1   ▲ 29     Particles >71µm   ASTM D7647   >3 <b>0</b> 0   3     Oil Cleanliness   ISO 4406 (c)   >19/17/14 <b>21/19/15</b> ▲ 21/19/13   ▲ 20/19/16     FLUID DEGRADATION   method   limit/base   current   history1   history2	Particles >4µm		ASTM D7647	>5000	🔺 16358	▲ 18555	5951
Particles >21μm     ASTM D7647     >40     70     12     186       Particles >38μm     ASTM D7647     >10     2     1     29       Particles >71μm     ASTM D7647     >3     0     0     3       Oil Cleanliness     ISO 4406 (c)     >19/17/14     21/19/15     21/19/13     20/19/16       FLUID DEGRADATION     method     limit/base     current     history1     history2	Particles >6µm		ASTM D7647	>1300	<u> </u>	▲ 3577	▲ 3242
Particles >38μm     ASTM D7647     >10     2     1     ▲ 29       Particles >71μm     ASTM D7647     >3     0     0     3       Oil Cleanliness     ISO 4406 (c)     >19/17/14     ≥1/19/15     ▲ 21/19/13     ▲ 20/19/16       FLUID DEGRADATION     method     limit/base     current     history1     history2	Particles >14µm		ASTM D7647	>160	9304	68	<b>5</b> 52
Particles >71μm     ASTM D7647     >3     0     0     3       Oil Cleanliness     ISO 4406 (c)     >19/17/14     21/19/15     21/19/13     20/19/16       FLUID DEGRADATION     method     limit/base     current     history1     history2	Particles >21µm		ASTM D7647	>40	<mark> </mark> 70	12	<b>1</b> 86
Oil Cleanliness     ISO 4406 (c)     >19/17/14     21/19/15     21/19/13     20/19/16       FLUID DEGRADATION     method     limit/base     current     history1     history2	Particles >38µm		ASTM D7647	>10	2	1	<b>2</b> 9
FLUID DEGRADATION method limit/base current history1 history2	Particles >71µm		ASTM D7647	>3	0	0	3
	Oil Cleanliness		ISO 4406 (c)	>19/17/14	<b>1</b> /19/15	<b>1</b> /19/13	▲ 20/19/16
Acid Number (AN) mg KOH/g ASTM D8045 0.16 0.10 0.11 0.088	FLUID DEGRADA	TION	method	limit/base	current	history1	history2
	Acid Number (AN)	mg KOH/g	ASTM D8045	0.16	0.10	0.11	0.088

Contact/Location: JOE ROSENFIELD - CARFORCOL Page 1 of 2

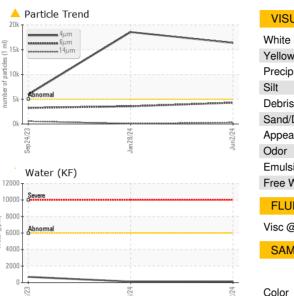


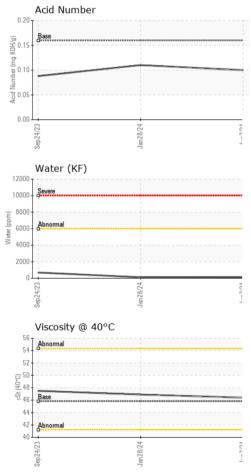
(maa)

Water

E C

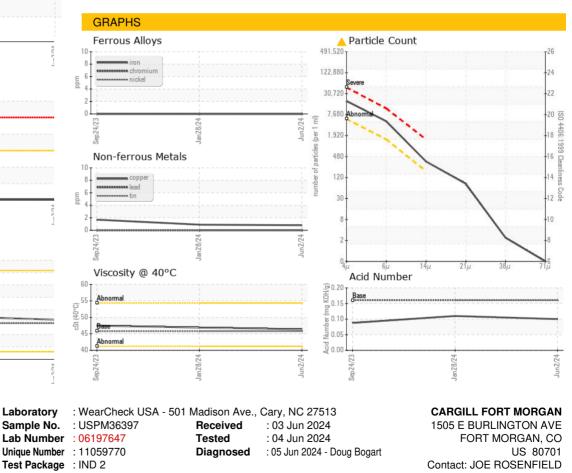
## **OIL ANALYSIS REPORT**





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
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	>0.6	NEG	NEG	0.2%
Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPERT	IES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	45.8	46.4	46.9	47.5
SAMPLE IMAGES	3	method	limit/base	current	history1	history2
Color				· Q.	Air - Na Barting States Air Tra Bart States Constitu- Co	A A A A A A A A A A A A A A A A A A A

Bottom



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)

Certificate 12367

Contact/Location: JOE ROSENFIELD - CARFORCOL

T:

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