

NORMAL WEAR NORMAL CONTAMINATION **FLUID CONDITION** NORMAL

Machine Id

24F2602 BAPSR-415

New (Unused) Oil

Gasoline Engine Oil (--- GAL)

Sample Number Sample Comment: RUN TBN) Client Info HP Dootsing 25 Jun 202 ··· ··· This is a baseline react-out on the submitted sample. (Customer Sample Comment: RUN TBN) Client Info O ··· ··· Old Age hrs Client Info O ··· ··· Old Age hrs Client Info O ··· ··· Old Changed Client Info NA ··· ··· ··· Sample Status NORMAL ··· ··· ··· ··· WEAR Iron ppm ASTM DSIStin O ··· ··· Nickel ppm ASTM DSIStin O ··· ··· ··· Aluminum ppm ASTM DSIStin O ···< ··· ··· Aluminum ppm ASTM DSIStin O ···< ··· ··· Itanium ppm ASTM DSIStin O ···< ··· ··· Silvor ppm ASTM DSIStin O ···<		Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Date Sample Date Client Info 26 Jun 2024 Image: Comment: RUN TBN) Image: Client Info 0 Image: Client Info 0 Image: Client Info 0 Image: Client Info 0 Image: Client Info 0 Image: Client Info 0 Image: Client Info 0 Image: Client Info Not Change Image: Client Info Not Change<			UOIVI		LIIIIUAUII			
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Aluminum ppm ASTM D5185m 7 Lead ppm ASTM D5185m 0 Copper ppm ASTM D5185m 0 Tin ppm ASTM D5185m 0 Vanadium ppm ASTM D5185m 0 Vanadium ppm ASTM D5185m 0 Vanadium ppm ASTM D5185m 0 White Metal scalar *Visual NONE Vellow Metal scalar *Visual NONE Notarition ppm ASTM D5185m 13 Variation Abs/tmm ASTM D7844 0.1 Nitration Abs/tmm 'ASTM D7844 0.8 Sulfation Abs/tmm 'ASTM D7844 0.8								
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Debris scalar *Visual NONE NONE Sand/Dirt scalar *Visual NONE NONE Appearance scalar *Visual NORM NORML Odor scalar *Visual NORML NORML Dodor scalar *Visual NORML NORML Emulsified Water scalar *Visual NEG Sodium ppm ASTM D5185m 1 Boron ppm ASTM D5185m 0		Silt	scalar	*Visual	NONE	NONE		
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Odor scalar *Visual NORML Emulsified Water scalar *Visual NEG FLUID CONDITION Sodium ppm ASTM D5185m 1 Boron ppm ASTM D5185m 0		Sand/Dirt		*Visual	NONE	NONE		
Emulsified Water scalar *Visual NEG FLUID CONDITION Sodium ppm ASTM D5185m 1 Boron ppm ASTM D5185m 0		Appearance	scalar	*Visual	NORML	NORML		
Sodium ppm ASTM D5185m 1 Boron ppm ASTM D5185m 0		Odor	scalar	*Visual	NORML	NORML		
Boron ppm ASTM D5185m 0		Emulsified Water	scalar	*Visual		NEG		
Boron ppm ASTM D5185m 0								
	ID CONDITION		ppm					
			ppm					
Barium ppm ASTM D5185m 5			ppm					
Molybdenum ppm ASTM D5185m 1931		-	ppm					
Manganese ppm ASTM D5185m 0		•				-		
Magnesium ppm ASTM D5185m 46								
Calcium ppm ASTM D5185m 1271								
Phosphorus ppm ASTM D5185m 2934								
Zinc ppm ASTM D5185m 3412								
Sulfur ppm ASTM D5185m 23804								
Oxidation Abs/.1mm *ASTM D7414 34.3								
Acid Number (AN) mg KOH/g ASTM D8045 5.23		()	0 0					
Base Number (BN) mg KOH/g ASTM D2896 4.43		Base Number (BN)	mg KOH/g	ASTM D2896		4.43		
		· · /	-					
		Visc @ 40°C	cSt	ASTM D445				
Visc @ 100°C cSt ASTM D445 5.37 Viscosity Index (VI) Scale ASTM D2270 157		Visc @ 40°C Visc @ 100°C	cSt	ASTM D445		5.37		



