

OIL ANALYSIS REPORT

Sample Rating Trend



Area **04** Machine Id **[04] BASELINE - FG 460** New (Unused) Oil Fluid FOOD GRADE 460 (1 QTS)

DIAGNOSIS

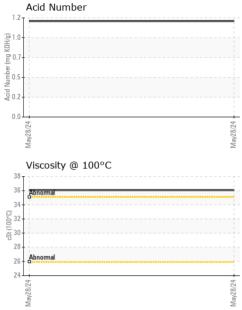
Recommendation

This is a baseline read-out on the submitted sample. (Customer Sample Comment: Food Grade 460 Batch#20D2001)

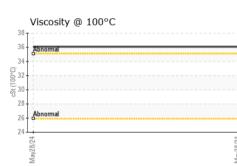
SAMPLE INFORM	/IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		HPL0004908		
Sample Date		Client Info		28 May 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
CONTAMINATIO	N	method	limit/base	current	history1	history2
Water		WC Method		NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m		0		
Chromium	ppm	ASTM D5185m		0		
Nickel	ppm	ASTM D5185m		0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m		0		
Lead	ppm	ASTM D5185m		<1		
Copper	ppm	ASTM D5185m		0		
Tin	ppm	ASTM D5185m		0		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m		<1		
Calcium	ppm	ASTM D5185m		0		
Phosphorus	ppm	ASTM D5185m		391		
Zinc	ppm	ASTM D5185m		1		
Sulfur	ppm	ASTM D5185m		2629		
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m		<1		
Sodium	ppm	ASTM D5185m		0		
Potassium	ppm	ASTM D5185m	>20	2		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		1.16		



OIL ANALYSIS REPORT



White Metal Yellow Metal Precipitate Silt Debris Sand/Dirt	scalar scalar scalar scalar	*Visual *Visual *Visual	NONE NONE	NONE NONE		
Precipitate Silt Debris	scalar scalar	*Visual		NONE		
Silt Debris	scalar					
Debris			NONE	NONE		
		*Visual	NONE	NONE		
Sand/Dirt	scalar	*Visual	NONE	NONE		
	scalar	*Visual	NONE	NONE		
Appearance	scalar	*Visual	NORML	NORML		
Odor	scalar	*Visual	NORML	NORML		
Emulsified Water	scalar	*Visual		NEG		
Free Water	scalar	*Visual		NEG		
FLUID PROPERTI	IES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445		456.4		
Visc @ 100°C	cSt	ASTM D445		36.06		
Viscosity Index (VI)	Scale	ASTM D2270		119		
SAMPLE IMAGES		method	limit/base	current	history1	history2
Color				s	no image	no image
Bottom					no image	no image
un 6 6 4 4 2 0 4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	;		Ma/28/24			
2 0 +7082/2eW Viscosity @ 40°C			May28/24	Acid Number		
500 - Abnormal 450 - Abnormal 400 - Abnormal			/24 Acid Number (mg KOH/g) 0 0 0 0 1 1			24
WearCheck USA - 501 HPL0004908 06198135 11060258	Recei Teste Diagn	ved : 03 d : 05 losed : 05	, NC 27513 Jun 2024 Jun 2024 Jun 2024 - Jona	than Hester		KENSING NSINGTON RD KANKAKEE, IL US 60901 :: TIM HUBERT
	Visc @ 40°C Visc @ 100°C Viscosity Index (VI) SAMPLE IMAGES Color Bottom GRAPHS Ferrous Alloys Color Color Bottom Color Color Bottom Color	FLUID PROPERTIES Visc @ 40°C cSt Visc @ 100°C cSt Viscosity Index (VI) Scale SAMPLE IMAGES Color Bottom GRAPHS Ferrous Alloys Image: Colspan="2">Operation of the section of the secti	FLUID PROPERTIES method Visc @ 40°C cSt ASTM D445 Visc @ 100°C cSt ASTM D445 Viscosity Index (VI) Scale ASTM D2270 SAMPLE IMAGES method Color Image: Color Color Color Bottom Image: Color Color Color Color Color GRAPHS Ferrous Alloys Image: Color	FLUID PROPERTIES method imit/base Visc @ 40°C cSt ASTM D445 Visc @ 100°C cSt ASTM D445 Viscosity Index (VI) Scale ASTM D2270 SAMPLE IMAGES method imit/base Color Imit/base Color Bottom Imit/base Imit/base Viscosity Index (VI) Scale ASTM D2270 SAMPLE IMAGES method Imit/base Color Imit/base Imit/base GRAPHS Ferrous Alloys Imit/base Imit/base Imit/base Imit/base Viscosity @ 40°C Imit/base Imit/base Imit/base Imit/base Imit/base Imit/base Imit/base Imit/base Imit/base Imit/base Imit/base Imit/base Imit/base Imit/base Imit/base Imit/base I	FLUID PROPERTIES method imit/base current Visc @ 40°C cSt ASTM D445 456.4 Visc @ 100°C cSt ASTM D445 36.06 Viscosity Index (VI) Scale ASTM D2270 119 SAMPLE IMAGES method imit/base current Color Bottom Imit/base Or an initial colspan="2">ASTM D445 Mon-ferrous Alloys Or an initial colspan="2">Acid Number Or an initial colspan="2" <th>FLUID PROPERTIES method limit/base current history1 Visc @ 40°C oSt ASTM D445 456.4 Visc @ 100°C oSt ASTM D445 36.06 Viscosity Index (VI) Scale ASTM D445 36.06 SAMPLE IMAGES method Imit/base current history1 Color Imit/base current history1 Mon-ferrous Metals Imit/base Imit/base figure Imit/base figure figure figure</th>	FLUID PROPERTIES method limit/base current history1 Visc @ 40°C oSt ASTM D445 456.4 Visc @ 100°C oSt ASTM D445 36.06 Viscosity Index (VI) Scale ASTM D445 36.06 SAMPLE IMAGES method Imit/base current history1 Color Imit/base current history1 Mon-ferrous Metals Imit/base Imit/base figure Imit/base figure figure figure



Report Id: BASKAN [WUSCAR] 06198135 (Generated: 06/06/2024 08:12:27) Rev: 1

Submitted By: TIM HUBERT

Page 2 of 2