



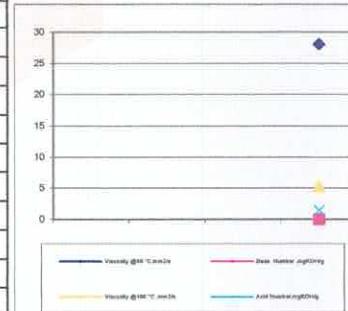
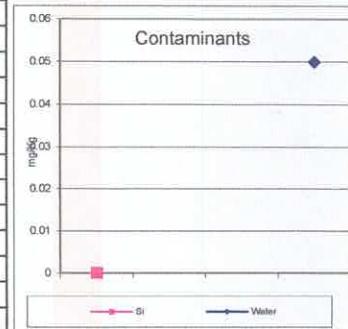
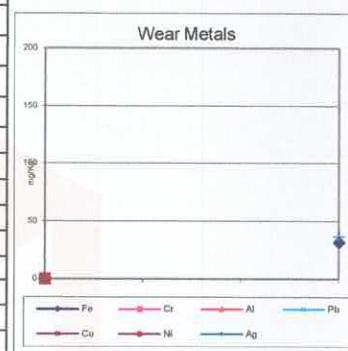
### INSERVICE OIL MONITORING PROGRAM

Company	: M/s: GENERAL PETROLEUM FZE		Description	Gear Box Oil	
Address	: SHARJAH, U.A.E.		Position Drown	NP	
Vessel Name	: NP		Lubricant Make	NP	
IMO No	: NP		Engine Model	NP	
E Mail	: NP		Oil in use	NP	
Attn.	: NP		Oil Grade	NP	
Contract No	: NP		Serial No	NP	
			Batch No	NP	
Report No.				SPL-L-251700	
Date Sampled				17/02/2026	
Date Received				17/02/2026	
Date Reported				18/02/2026	
Hours on Unit				NA	
Hours on Oil				NA	
Oil Added				NA	
Test & Units	Test Method	Result	Result	Result	Result
<b>Physical Properties</b>					
Viscosity @40 °C,mm <sup>2</sup> /s	ASTMD 445/17				28.07
Viscosity @100 °C ,mm <sup>2</sup> /s	ASTMD 445/17				5.34
Viscosity Index	ASTM D 2270				126.07
<b>Chemical Properties</b>					
Base Number ,mgKOH/g	ASTM D2896/15				-
Acid Number,mgKOH/g	ASTM D974/14e2				1.49
Flash Point ,°C	ASTM D92/16b				200
<b>Contaminants</b>					
Water, % Vol	ASTM D95/13e1				0.05
Insol. Pentane % m	ASTM D893/14				<0.05
Silicon (Si) ,mg/kg	ASTM D5185/13e1				27
Sodium (N) ,mg/kg	ASTM D5185/13e1				<1
Antimony (Sb) , mg/kg	ASTM D5185/13e1				<1
Nickel (Ni) , mg/kg	ASTM D5185/13e1				<1
Vanadium (V) , mg/kg	ASTM D5185/13e1				<1
Barium (Ba) ,mg/kg	ASTM D5185/13e1				<1
<b>Wear Metals.mg/kg</b>					
Iron ,Fe	ASTM D5185/13e1				32
Tin, Sn	ASTM D5185/13e1				<1
Chromium,Cr	ASTM D5185/13e1				<1
Lead ,Pb	ASTM D5185/13e1				<1
Copper,Cu	ASTM D5185/13e1				37
Aluminium,Al	ASTM D5185/13e1				24
<b>Additives &amp; Lubricant Condition, mg/kg</b>					
Magnesium, Mg	ASTM D5185/13e1				2
Calcium, Ca	ASTM D5185/13e1				128
Zinc, Zn	ASTM D5185/13e1				2
Phosphorous, P	ASTM D5185/13e1				252
Boron, B	ASTM D5185/13e1				168
Molybdenum, Mo	ASTM D5185/13e1				<1
Potassium, K	ASTM D5185/13e1				<1
Lithium, Li	ASTM D5185/13e1				<1
Silver, Ag	ASTM D5185/13e1				<1
Titanium, Ti	ASTM D5185/13e1				<1
Sampling method	:NA				
Test Method Deviation	:None				
The above test results are only applicable to the sample(s) referred above					
N/P - Data not provided					
REMARKS: No abnormalities are detected. Wear and contaminants are within normal limits.					

Reported by:

#### LABORATORY MANAGER

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**CERTIFICATE OF QUALITY**  
GAS OIL

REPORT NO: - SPL-LAB-251739-26

**Client: - SEA LAND FUEL SUPPLY SERVICES, DUBAI, UAE**

Sample Description : Gas Oil | Moonlight

Sample Delivered By : Sea Land Fuel      Sample Drawn By : N/A

Condition of Sample Received: 1 x 300 ml Plastic bottle.

Date Received : 17-02-2026

Date Tested : 17-02-2026

Date Reported : 21-02-2026

**TEST RESULTS**

Test	Method	Unit	ISO 8217: 2024	Result
Appearance	Visual	-	Clear	Clear
Color	ASTM D 1500-R2017	-	-	1.5
Sulphur Content	ASTM D 4294-21	% mass	-	0.2399
Flash Point	ASTM D 93a-20	°C	Min 60	53*
Density @ 15 °C	ASTM D 4052-18a	Kg/L	Max 0.8900	0.8271
Kinematic Viscosity 40 °C	ASTM D 445-21e1	cSt	Min 2.0 Max 6.0	2.57
Water Content	ASTM D 95-13R18	% vol	Max 0.02	<0.02
Micro Carbon Residue at 10% Residue	ASTM D 4530	% wt	Max 0.30	2.84 *
Corrosion, Copper strip (3 Hrs, at 100 °C)	ASTM D 130	-	Max 1	1a
Cetane Index	ASTM D 4737-21	-	Min 40	52.51
Ash Content	ASTD D 482-19	% mass	Max 0.01	0.21*
Total Acid Number	ASTM D 974-14E2	MgKOH/g	Max 0.50	0.061
Pour point	ASTM D 97-17b	°C	Max -6	-27
Cloud Point	ASTM D 2500-17	°C	Report	-6
IBP	ASTM D 86-20b	°C	-	167
10 % Recovery	ASTM D 86-20b	°C	-	195
20 % Recovery	ASTM D 86-20b	°C	-	212
30 % Recovery	ASTM D 86-20b	°C	-	226
40 % Recovery	ASTM D 86-20b	°C	-	243
50 % Recovery	ASTM D 86-20b	°C	-	258
60 % Recovery	ASTM D 86-20b	°C	-	275
70 % Recovery	ASTM D 86-20b	°C	-	294
80 % Recovery	ASTM D 86-20b	°C	-	315
85 % Recovery	ASTM D 86-20b	°C	-	327
90 % Recovery	ASTM D 86-20b	°C	-	347
95 % Recovery	ASTM D 86-20b	°C	Max 360	376*
FBP	ASTM D 86-20b	°C	-	382
Recovery	ASTM D 86-20b	%vol	-	99
Residue	ASTM D 86-20b	%vol	-	0.5
Loss	ASTM D 86-20b	%vol	-	0.5

\*Remarks: The sample does not meet the ISO Specifications with respect to the above tests only

Test method deviation                          None

Test conducted by Emp. #                          004

Report prepared by Emp. #                          002

The above test results are only applicable to the sample(s) referred above

Reported By



**LABORATORY OPERATIONS**

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SPIT/QA-001A Rev.0



**CERTIFICATE OF QUALITY**  
**MIXED HYDROCARBON OIL**

REPORT NO: - SPL-LAB-252061-26

**Client: - ANGEL TRADING FZE, SHARJAH, U.A.E.**

Sample Description: Mixed Hydrocarbon Oil | M.T ENKI | Arka Terminal | Tank No-4  
 Composite of TUMLB

Sample Delivered By : N/A | Job No:- SPL/INSP/1486/02/2026 | Sample Drawn By : Spectrum

Condition of Sample Received: 5 x 1000 ml Plastic Bottle

Date Received : 21-02-2026 | Date Tested : 21-02-2026 | Date Reported : 21-02-2026

**TEST RESULTS**

Test	Method	Unit	Result
Flash Point	ASTM D 93a-20	°C	22
Density @ 15 °C	ASTM D 4052-18a	Kg/L	0.8304
IBP	ASTM D 86-20b	°C	98
10 % Recovery	ASTM D 86-20b	°C	230
20 % Recovery	ASTM D 86-20b	°C	253
30 % Recovery	ASTM D 86-20b	°C	266
40 % Recovery	ASTM D 86-20b	°C	278
50 % Recovery	ASTM D 86-20b	°C	288
60 % Recovery	ASTM D 86-20b	°C	300
70 % Recovery	ASTM D 86-20b	°C	313
80 % Recovery	ASTM D 86-20b	°C	327
85 % Recovery	ASTM D 86-20b	°C	334
90 % Recovery	ASTM D 86-20b	°C	343
95 % Recovery	ASTM D 86-20b	°C	355
FBP	ASTM D 86-20b	°C	369
Recovery	ASTM D 86-20b	%vol	99
Residue	ASTM D 86-20b	%vol	0.5
Loss	ASTM D 86-20b	%vol	0.5

Test method deviation : None

Test conducted by Emp. # : 004

Report prepared by Emp. # : 006

The above test results are only applicable to the sample(s) referred above

Reported By



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