



# Spectrum

Inspection and Testing Services L.L.C



## WORK SHEET

Sampling Point (Next to A22)  
SPIT-LAB 252061

Client:- Angel trading fze / Sampling (6 x 1000)

Sample:	MHC OTI	Reference:	ARKA - T04 TUMLB
Recd Date:	21/02/26	Time:	Composite
Reported Date:		Time:	SPL/INSP/14086/02/2026

Test	Method	Calculations		Result
Appearance	Visual			
Color	ASTM D 1500			
Sulphur Content	ASTM D 5453/4294	%Mass		ppm
Flash Point	ASTM D 93a			22
Flash Point	ASTM D 92			
Density @ 15°C	ASTM D 1298	@	°C	0.8304
Kinematic Viscosity @ °C	ASTM D 445	Const.	Time	
Kinematic Viscosity @ 100 °C	ASTM D 445	Const.	Time	
Viscosity Index	ASTM D 2270			
Water Content	ASTM D 95/99	DM → 0.8304		
Bottom Sediment and Water	ASTM D 2709			
Micro Carbon Residue	ASTM D 4530	0.8253 @ 23 →		
Copper Corrosion (3hrs, 50 °C)	ASTM D 130	0.8253 @ 23.1 →		
Cetane Index	ASTM D 4737	0.8253 @ 23.2 →		
Ash Content	ASTM D 482			
Total Base Number	ASTM D 2896	(H) 0.8250 @ 22.5 → 0.8305		
Acid Number	ASTM D 974			
Total Sediment Potential	IP 390 b			
Sediment by Extraction	ASTM D 473			
CCAI(Calculated Carbon Aromaticity Index)				
Pour Point	ASTM D 97			
Cloud Point	ASTM D 5773			
Calorific Value (Net)	ASTM D 4863	(Gross)	(Net)	
Calcium	ASTM D 5185	IBP - 98	IP501	60 - 300
Sodium	ASTM D 5185	10 - 230	IP501	70 - 313
Aluminium+Silicon	ASTM D 5185	20 - 253	IP501	80 - 327
Vanadium	ASTM D 5185	30 - 266	IP501	85 - 334
Zinc	ASTM D 5185	40 - 278	IP501	90 - 343
Phosphorous	ASTM D 5185	50 - 288	IP501	95 - 355
Distillation	ASTM D 86	IBP	FBP	369 99% (Rec.)
Penetration @ 25°C	ASTM D 5			

Chemist Name:

Signature