



Accreditation Scope

GEOCHEM MIDDLE EAST FZE, NAL 049
Testing Laboratory, (ISO/IEC 17025:2017)

Warehouse 107B & 107C Fujairah Free Zone Phase 1 , Fujairah, United Arab Emirates

Issue Date: 03/06/2025
Issue No: 9

Expiry Date: 28/09/2027

Testing Field	Materials/ Products Tested	Type of test/ Test parameter/ Properties measured/Range of measurement	Test Method (Standard, Internal Procedure, Technique)	Permanent lab (P) / Client-site (S)
Chemical	Distillate Marine Fuels (Diesel)	Appearance	Visual, ISO 8217, Section 7.6(2017)	Permanent lab (P)
Chemical	Distillate Marine Fuels (Diesel)	Density @ 15° C (Hydrometer) 0.6000 - 1.1000Kg/L	ISO 3675(1998)/ ASTM D 1298(2017)/ IP160(2000)	Permanent lab (P)
Chemical	Distillate Marine Fuels (Diesel)	Density @ 15° C (Density meter) 0.6000 - 1.1000 Kg/L	ISO 12185(2024)/ ASTM D 4052(2022)/ IP 365(2020)	Permanent lab (P)
Chemical	Distillate Marine Fuels (Diesel)	Kinematic viscosity @ 40° C 0.2 to 300000mm ² /sec	ISO 3104(2023)/ ASTM D 445(2024)/ IP71(2020)	Permanent lab (P)
Chemical	Distillate Marine Fuels (Diesel)	Pour Point -38 to +50° C	ISO 3016(2019)/ ASTM D 97(2022)/ IP15(2022)	Permanent lab (P)
Chemical	Distillate Marine Fuels (Diesel)	Flash Point 40 to 360 ° C	ISO 2719 A(2021)/ ASTM D93 A(2020)/ IP34(2021)	Permanent lab (P)

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Chemical	Distillate Marine Fuels (Diesel)	Water 0 to 25% v	ISO 3733(1999)/ ASTM D 95(2023)/ IP74(2014)	Permanent lab (P)
Chemical	Distillate Marine Fuels (Diesel)	Ash 0.001 to 0.180%m	ISO 6245(2001)/ ASTM D482(2019)/ IP4(2012)	Permanent lab (P)
Chemical	Distillate Marine Fuels (Diesel)	Cetane Index 32.5 to 56.5	ISO 4264(2018)/ ASTM D 4737(2021)/ IP 380(2019)	Permanent lab (P)
Chemical	Distillate Marine Fuels (Diesel)	Sulfur 17 ppm to 5.0%m	ISO 8754(2003)/ ASTM D 4294(2021)/ IP336(2022)	Permanent lab (P)
Chemical	Distillate Marine Fuels (Diesel)	Hydrogen Sulphide 0.40 ppm to 15 ppm	IP 570(2021)/ ASTM D 7621 Method B(2021)	Permanent lab (P)
Chemical	Distillate Marine Fuels (Diesel)	Acid Number 0.1 to 150 mg/g KOH	ASTM D 664(2024)/ IP 177(2019)	Permanent lab (P)
Chemical	Distillate Marine Fuels (Diesel)	Total Sediment by Hot filtration. 0 to 0.4 %m	ISO 10307-1(2009)/ ASTM D 4870(2022)/ IP375(2022)	Permanent lab (P)
Chemical	Distillate Marine Fuels (Diesel)	Carbon Residue micro method on the 10% volume distillate residue 0.10 to 30%m	ISO 10370(2014)/ ASTM D 4530(2020)/ IP398(2020)	Permanent lab (P)

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Chemical	Distillate Marine Fuels (Diesel)	Carbon Residue micro method 0.10 to 30%m	ISO 10370(2014)/ ASTM D 4530(2020)/ IP398(2020)	Permanent lab (P)
Chemical	Distillate Marine Fuels (Diesel)	Distillation 0 to 400 °C	ISO 3405(2019)/ ASTM D86(2023)/ IP123(2019)	Permanent lab (P)
Chemical	Residual Marine Fuels (Fuel Oil)	Density @ 15° C (Hydrometer) 0.6000 - 1.1000 Kg/L	ISO 3675(1998)/ ASTM D 1298(2017)/ IP160(2000)	Permanent lab (P)
Chemical	Residual Marine Fuels (Fuel Oil)	Density @ 15° C (Density meter) 0.6000 - 1.1000 Kg/L	ISO 12185(2024)/ ASTM D 4052(2022)/ IP 365(2020)	Permanent lab (P)
Chemical	Residual Marine Fuels (Fuel Oil)	Kinematic viscosity @ 50° C 0.2 to 300000mm ² /sec	ISO 3104(2023)/ ASTMD 445(2024)/ IP71(2020)	Permanent lab (P)
Chemical	Residual Marine Fuels (Fuel Oil)	Kinematic viscosity @ 100° C 0.2 to 300000mm ² /sec	ISO 3104(2023)/ ASTMD 445(2024)/ IP71(2020)	Permanent lab (P)
Chemical	Residual Marine Fuels (Fuel Oil)	Pour Point Minus 38 to + 50° C	ISO 3016(2019)/ ASTM D 97(2022)/ IP15(2022)	Permanent lab (P)
Chemical	Residual Marine Fuels (Fuel Oil)	Flash Point 40 to 360	ISO 2719 B(2021)/ ASTM D93 B(2020)/ IP34(2021)	Permanent lab (P)

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Chemical	Residual Marine Fuels (Fuel Oil)	Water 0 to 25%v	ISO 3733(1999)/ ASTM D 95(2023)/ IP74(2014)	Permanent lab (P)
Chemical	Residual Marine Fuels (Fuel Oil)	Ash 0.001 to 0.180%m	ISO 6245(2001)/ ASTM D482(2019)/ IP4(2012)	Permanent lab (P)
Chemical	Residual Marine Fuels (Fuel Oil)	CCAI 800 to 930	ISO 8217, Annex F method(2017)	Permanent lab (P)
Chemical	Residual Marine Fuels (Fuel Oil)	Sulfur 17 ppm to 5.0 %mass	ISO 8754(2003)/ ASTM D 4294(2021)/ IP336(2022)	Permanent lab (P)
Chemical	Residual Marine Fuels (Fuel Oil)	Hydrogen Sulphide 0.40 ppm to 15ppm	IP 570(2021)/ ASTM D 7621 Method B(2021)	Permanent lab (P)
Chemical	Residual Marine Fuels (Fuel Oil)	Acid Number 0.1 to 150 mg/g KOH	ASTM D 664(2024)/ IP 177(2019)	Permanent lab (P)
Chemical	Residual Marine Fuels (Fuel Oil)	Total Sediment Existant 0 to 0.4 %m	ISO 10307-1(2009)/ ASTM D 4870(2022)/IP375(2022)	Permanent lab (P)
Chemical	Residual Marine Fuels (Fuel Oil)	Total Sediment Potential 0 to 0.4 %m	ISO 10307-2 A(2009)/ ASTM D 4870A(2022)/IP390A(2022)	Permanent lab (P)
Chemical	Residual Marine Fuels (Fuel Oil)	Total Sediment Aged 0 to 0.4 %m	ISO 10307-2 B(2009)/ ASTM D 4870B(2022)/IP390B(2022)	Permanent lab (P)

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Chemical	Residual Marine Fuels (Fuel Oil)	Carbon residue: Micro method 0.10 to 30 %m	ISO 10370(2014)/ ASTM D 4530(2020)/ IP398(2020)	Permanent lab (P)
Chemical	Residual Marine Fuels (Fuel Oil)	Aluminium 5 - 150 ppm	IP501(2019)	Permanent lab (P)
Chemical	Residual Marine Fuels (Fuel Oil)	Silicon 10 - 250 ppm	IP501(2019)	Permanent lab (P)
Chemical	Residual Marine Fuels (Fuel Oil)	Sodium 1 - 100 ppm	IP501(2019)	Permanent lab (P)
Chemical	Residual Marine Fuels (Fuel Oil)	Calcium 3-100 ppm	IP501(2019)	Permanent lab (P)
Chemical	Residual Marine Fuels (Fuel Oil)	Vanadium 1 - 400 ppm	IP501(2019)	Permanent lab (P)
Chemical	Residual Marine Fuels (Fuel Oil)	Zinc 1 - 70 ppm	IP501(2019)	Permanent lab (P)
Chemical	Residual Marine Fuels (Fuel Oil)	Iron 2 - 60 ppm	IP501(2019)	Permanent lab (P)
Chemical	Residual Marine Fuels (Fuel Oil)	Nickel 1 - 100 ppm	IP501(2019)	Permanent lab (P)

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Chemical	Residual Marine Fuels (Fuel Oil)	Phosphorous 1 - 70 ppm	IP501(2019)	Permanent lab (P)
Chemical	Distillate Marine Fuels (Diesel)	Cloud Point	ASTM D 2500 (2023)	Permanent lab (P)
Chemical	Distillate Marine Fuels (Diesel)	Cold Filter Plugging Point	ASTM D 6371 (2024)/IP 309 (2016)	Permanent lab (P)
END				

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