

Gasoil (Diesel)

Catalog 2020



Mahshahr Gasoil Specification 1.0% (10000 PPM)

ANALYSIS	UNIT	LIMIT	TEST METHOD
Density @ 15°C	Kg/m3	820-860	ASTM D1298
Distillation:			
Recovered @ 150°C	Vol%	report	ASTM D86
Recovered @ 300°C	Vol%	report	ASTM D86
Recovered @ 357°C	Vol%	90 Min	ASTM D86
F. B. P	°C	385 Max	ASTM D86
Color	-	3 Max	ASTM D1500
Flash Point	°C	60 Min	ASTM D93
Sulphur Total	wt%	1 Max	ASTM D1552
Corrosion-3hrs@100°C	-	1 a	ASTM D130
Viscosity Kinematic@37.8°C	c.St	2.0 - 5.5	ASTM D445
Cloud Point	°C	2.0 Max	ASTM D2500
Pour Point	°C	-3.0 Max	ASTM D97
Carbon Residue (On 10 % Bottoms)	wt%	0.1 Max	ASTM D189
Ash	wt%	0.01 Max	ASTM D482
Water & Sediment	Vol%	0.05 Max	ASTM D2709
Cetane Index	-	49 Min	ASTM D976

Note: Cloud point and pour point specification shall be 4.0 & 0 °C respectively from 21th March to 21st September



Mahshahr Gasoil Specification 0.05% (5000 PPM)

ANALYSIS	UNIT	LIMIT	TEST METHOD
Density @ 15°C	Kg/m3	820-860	ASTM D1298
Distillation:			
Recovered @ 150°C	Vol%	report	ASTM D86
Recovered @ 300°C	Vol%	report	ASTM D86
Recovered @ 357°C	Vol%	90 Min	ASTM D86
F. B. P	°C	385 Max	ASTM D86
Color	-	3 Max	ASTM D1500
Flash point	°C	60 Min	ASTM D93
Sulphur Total	wt%	0.5 Max	ASTM D1552
Corrosion-3hrs@100°C	-	1 a	ASTM D130
Viscosity Kinematic@37.8°C	c.St	2.0 - 5.5	ASTM D445
Cloud point	°C	2.0 Max	ASTM D2500
Pour point	°C	-3.0 Max	ASTM D97
Carbon Residue (on 10 % Bottoms)	wt%	0.1 Max	ASTM D189
Ash	wt%	0.01 Max	ASTM D482
Water & Sediment	Vol%	0.05 Max	ASTM D2709
Cetane Index	-	49 Min	ASTM D976

Note: Cloud point and pour point specification shall be 4.0 & 0 °C respectively from 21th March to 21st September

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