

Gas Oil (D2) GOST 305-82 Specification

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COMPONENT	UNIT	MIN	MAX	TEST METHOD
Density@ 20 deg C	Kg / m3	0.820	0.860	ASTM D 1298-05 / ASTM D 4052
Colour	Clear & Bright/No Dye Added	1.0	2.0	—
Flash point, PMCC	Deg C (°C)	55	62	ASTM D 93-06
Kinematic viscosity @20degC	CST	3.0	6.0	ASTM D 445-06, D 7042
Pour point	Deg C (°C)	(*)	-10.0	ASTM D 5949, D 5950
Cloud point	Deg C (°C)	(*)	-5.0	ASTM D 2500, D 5771, D 5772, D 5773
Mercaptan sulphur	—	—	0.01	—
Acidity, mg / 1000	—	—	5	ASTM D 974, D 664
Lodnie number	g /100g	—	6	—
Ash	—	—	0.01	ASTM D 482-03
Total sulphur	% wt	0.02	0.2	ASTM D 4294-06
Copper corrosion	3 hrs @ 50 C	(typical)	1A	ASTM D 130-04e1
CCR on 10%	% wt	—	0.20	—
Cetane index	—	45	—	ASTM D 613-05
Distillation range :				
-50% Recovered	Deg C (°C)	—	280	—
-90%	Deg C (°C)	—	360	ASTM D 86-05
-Bacteria MBC	Fibre /	—	500	—
-Bacteria CFU	Fibre /	—	1000	—
Water	% WT	—	0.02	—
Water and	% volumeG/m3	—	0.10	—
Oxidation	—	—	25	—

(Summer from March to October (PP - 5.0 degrees C

(Summer from March to October (CP - 0.0 degrees C

(Winter from November to February (PP - 10.0 degrees C