

**GAS OIL - HIGH SULPHUR**

	Unit	MIN	MAX	Test method
Appearance	Clear and bright			Visual
Density at 15°C	kg/m <sup>3</sup>	820,0	-	EN ISO 3675
Cetane Cetane number Cetane index		45,0 45,0	- -	EN ISO 5165 EN ISO 4264
Flash Point	°C	60	-	EN ISO 2719
Sulphur	mg/kg	-	1000	EN ISO 20846
Ash content	% m/m	-	0,01	EN ISO 6245
Water content	mg/kg	-	200	EN ISO 12937
Total contamination	mg/kg	-	24	EN 12662
Strong Acid number	Mg/KOH/ g	-	zero	ISO 6618
Lubricity, corrected wear scar diameter (wsd 1,4) at 60°C	µm	-	460	EN ISO 12156-1
Carbon residue (on 10% distillation residue)	% m/m	-	0,30	EN ISO 10370
Copper strip corrosion – (3 Hrs @ 50°C)	Rating	Class 1		EN ISO 2160
Fatty Acid Methyl Ester (FAME) content	% V/V	-	7,0	EN 14078
Oxidation stability	g/m <sup>3</sup>	-	25	EN ISO 12205
Viscosity at 40°C Winter Summer	mm <sup>2</sup> /s mm <sup>2</sup> /s	1,50 2,00	5,50 5,50	EN ISO 3104 EN ISO 3104
CFPP Winter Summer	°C °C	- -	-12 -4	EN 116 <sup>2</sup> EN 116 <sup>2</sup>
<b>Distillation:</b>				
% (V/V) recovered at 250°C	% V/V	-	65	EN ISO 3405
% (V/V) recovered at 350°C	% V/V	85	-	EN ISO 3405

**Notes:**

1. This specification meets or exceeds IS 251:2012 Class D
2. The seasonal periods are:-  
Deliveries from terminals  
Winter period: 1<sup>st</sup> November to 15<sup>th</sup> March  
Summer period: 16<sup>th</sup> March to 31<sup>st</sup> October
3. Topaz Gas Oil does **NOT** contain FAME