

ZAMBIA
REQUIREMENTS FOR AUTOMOTIVE GASOIL (DIESEL FUEL)

CHARACTERISTIC		REQUIREMENT	TEST METHOD
Specific Gravity, 15°C		0.820 - 0.870	ASTM D 1298
Appearance		Clear	Visual
Colour, max.		3.5	ASTM D 1500
Cetane Number, min.		46	ASTM D 613
Cetane Index, calc., min.		50	ASTM D 976
Viscosity, at 40°C, cSt		2.00 - 5.50	ASTM D 445
Cloud Point, °C, max.		4.5	ASTM D 2500
Sulphur, % mass, max.		0.75	ASTM D 2622/1552
Copper Corrosion 3 hrs at 100°C, max.		1	ASTM D 130
Carbon Residue, 10% Bottoms, max.		0.15	ASTM D 524
Water, % Vol, max.		0.05	ASTM D 95
Sediment, % Vol, max..		0.01	ASTM D 1796
Ash, % Mass, max.		0.01	ASTM D 482
Flash Point PMCC, °C, min.		60.00	ASTM 93
Total Acidity, mg KOH/g, max.		1.00	ASTM D 664
Distillation Recovery, %, min.	at 360°C	90	ASTM D 86
	from 240 - 310°C	50	
<p>The requirements of Low Sulphur Gasoil are as specified for Automotive Gasoil except for the Cetane index and the Sulphur content which are as indicated below:</p> <p>Sulphur, % mass, max. 0.5</p> <p>Cetane Index, min. 40</p>			