

ZAMBIA
REQUIREMENTS FOR LEADED PETROL (GASOLINE)

CHARACTERISTIC		REQUIREMENT	TEST METHOD
Reid vapour pressure (RVP), kPa, max.		62	ASTM D 323
Specific Gravity 15°C		0.725 - 0.770	ASTM D 1298
Odour		Marketable	-
Colour		Red	Visual
Octane RON, min.		93	ASTM D 2699
Octane MON, min.		83	ASTM D 2700
Lead content (as Pb), g/L, max.		0.4	ASTM D 3237
Existent Gum Content, mg/100 mL, max		4	ASTM D 381
Induction Period, minutes, min.		240	ASTM D 525
Sulphur Content, % mass, max.		0.2	ASTM D 1266
Mercaptan Sulphur, % mass, max.		0.0015	ASTM D 3227
Copper Corrosion, 3 hrs at 50°C, max.		1	ASTM D 130
Doctor Test		Negative	IP 30
Distillation Recovery, °C, min.	10%	65	ASTM D 86
	50%	115	
	90%	180	
	EBP	205	
Residue, % Vol, max.		2.0	