


<b>SEYCHELLES PETROLEUM COMPANY LIMITED</b>		<b>FORM</b>	
<b>ISSUE:</b> 6	<b>DATE:</b> 04.01.2023	<b>REVISION No.:</b> 5	<b>Doc.No:</b> F 740 001 Q
<b>TITLE:</b> Refined petroleum product quality specifications	<b>DEPT./SECTION:</b> Quality	<b>PREPARED BY:</b> QAM	<b>APPROVED BY:</b> CEO

### **FUEL OIL 180 CST**

Characteristic	Unit	Limit	 Requirement	Test Methods Reference	Reference Standard
Density at 15°C	Kg/m³	min max	0.950 0.991	ASTM D1298	
Flash point	° C	min	60	ASTM 93	
Pour Point, summer	° C	max	15	ASTM 97	
Viscosity, Kinematic@50° C	mm²/s	min	min160-- 180max	ASTM 445	
Total sediment, aged	%m/m	max	0.10	ASTM D4870	
Ash	%wt.	max	0.10	ASTM D482	
Calorific value, gross	MJ/Kg	max	42	Calc. of USB Standards	
Calorific value, net	MJ/Kg	min	40	Calc. of USB Standards	
Carbon residue, Conradson	%wt.	max	15	ASTM D 4530	
Calculated carbon aromatic index		max	860	ASTM D130	
Sulphur	%wt.	max	3.5	ASTM D4294	
Water	%V	max	0.05	ASTM D95	
Aluminium + Silicon	Mg/kg	max	60	AAS GF	
Sodium	Mg/kg	max	100	Atomic Absorption	
Vanadium	Mg/kg	max	350	AAS GF	
Hydrogen sulfide	Mg/Kg	max	2	IP 570	

**Note: ULO is NOT permitted**