


SEYCHELLES PETROLEUM COMPANY LIMITED		FORM	
ISSUE: 5	DATE: 04.01.2023	REVISION No.: 4	Doc.No: F 740 001 Q
TITLE: Refined petroleum product quality specifications	DEPT./SECTION: Quality	PREPARED BY: QAM	APPROVED BY: CEO

Automotive High-Speed Gasoil 50 PPM (S)

Characteristic	Unit	Limit	 Requirement	Test Methods Reference	Reference Standard
Appearance	-	-	Clear and bright, free of visible particulates	Visual inspection	
Density at 15°C	Kg/m ³	min max	0.820 0.860	ASTM D1298	
Distillation: A) 350°C B) 370°C	° C	max	85 95	ASTM D86	
Colour		max	2.0	ASTM D1500	
Flash Point (PMCC)	° C	min	60	ASTM 93	
Pour Point,	° C	max	10	ASTM 97	
Viscosity, Kinematic@40° C	mm ² /s	min max	2 4.5	ASTM 445	
Total sediment, existent	%V	max	0.01	ASTM D473	
Cetane Number	-	min	51	ASTM D613	
Ash	%(m/m)	max	0.01	ASTM D482	
Acid Number. Strong(Acidity Inorganic)	Mg KOH/g	max	NIL	ASTM D664	
Acidity Total	Mg KOH/g		To Report	ASTM D664	
Carbon residue on 10% (V/V) distillation bottoms	% (m/m)	max	0.2	ASTM D524	
Copper strip Corrosion	rating		No.1	ASTM D130	
Sulphur	ppm	max	50	ASTM D4294	
Water	%V	max	0.05	ASTM D95	
Cold Filter Plugging Point	° C	max	0	IP 309	
Lubricity corrected wear SCAR Diameter(wsd1.4) at 60°C	microns	max	460	ASTM D6079	
*Fatty Acid Methyl Esters (Fame Content)	%v/v	max	Nil	EN 14078	
Hydrogen Sulfide	mg/kg	max	2.0	ASTM 4323	
Oxidation stability	mg/L	max	25	ISO 12205	
Filter blocking tendency		Max	2.5	IP 440 Procedure B	
Particulate Contaminant	Mg/kg	Max	24	IP 440	