

YPC / SPECIFICATION OF GASOIL

Item	Characteristic	UNIT	Specification Limits		TEST METHOD
			max	min	ASTM
01	APPEARANCE		Clear & bright		Visual
02	DENSITY at 15°C	Kg/m ³	860	820	D1298&D 4052
03	FLASH POINT	°C	.....	60	D93
04	Kinematic Viscosity at 40 °C	Cst	5.5	1.9	D445
05	Distillation D-86				D-86
1	87% Vol. Rec.	°C		357	
06	Color	ASTM	L.2.0	.....	D1500
07	Total Sulphur	% WT	0.5	.....	D5453
08	Corrosion Copper Strip 3h at 50°C	.....	Strip No 01		D130
09	Pour Point	°C	MINUS 3		D97
10	Cloud Point	°F	46		D2500
11	Carbon residue (Conradson 10% residue)	% WT	0.1		D189
12	Total Acid No.	mg KOH/Kg	0.1	.....	D974
13	Ash content	% WT	0.01	.....	D482
14	Water by distillation	% Vol	0.05	.....	D95
15	Sediments by extraction	% WT	0.01	.....	D473
16	Cetan Index .	.....	.....	47	D976
<p>***Note: Color of Gasoil Should Be Normal pale Yellow</p>					

YPC / SPECIFICATION OF GASOLINE 92

*** Motor Gasoline Must Be None Oxygenate Component					
Item	Characteristic	UNIT	Specification Limits		ASTM Test method
			max	min	
01	Appearance		Clear & bright		Visual
02	Density 15.5 °C	Kg/m ³	760	720	D1298&D4052
03	REIDE VAPORPRESSURE TEST @37.8°C	PSI	SUM. 9 WINT. 10***	7	D-323
04	Octane NUMBER(ROM)			92	ASTM D-2699
05	DISTILLATION TEST ASTM D-86				
01	IBP	°C	.....	35	ASTM D-86
02	10%	°C	70		
03	50%	°C	120		
04	90%	°C	190		
05	FBP	°C	210		
06	RESIDUE	ml	1.5		
07	LOSS	ml	1.5		
06	EXISTENT GUM	mg/100ml	4		ASTM D-381
07	INDUCTION PERIOD@	Min.	.....	360	ASTM D-525
08	Total Sulfur CONTENT	% WT	0.1		ASTM D-5453
09	Copper Corrosion StriP @ 50 °C	.....	1a		ASTM D-130
	DOCTOR TEST		Neg.		ASTM D-4952
10	BENZENE	% VOL	3		ASTM D-3606
11	AROMATICS	% VOL	40		ASTM D-1319
12	OXYGENATES	% VOL	NIL	NIL	ASTM D-4815
13	OLEFINS	% VOL	18		ASTM D-1319
****Note:-Color of Gasoline Should Be Normal Red					
NOTE: -SUMMER:- From Mars To August ***Winter :-From September To February					