

REPUBLIC OF YEMEN
Ministry Of Oil & Minerals
Yemen Oil and Gas Corporation
YEMEN PETROLEUM COMPANY



الجمهورية اليمنية
 وزارة النفط والمعادن
 المؤسسة اليمنية العامة للنفط والغاز
 شركة النفط اليمنية

Date: _____ Ref : YPC / SPECIFICATION OF GASOLINE 92 مرجع _____ التاريخ _____

**** Motor Gasoline Must Be None Oxygenate Component					
Item	Characteristic	Unit	Specification limits		ASTM Test method
			max	min	
01	Appearance		Clear & bright		visual
02	Density At 15.5°C	Kg/m ³	760	720	D1298&D 4052
03	REIDE VAPORPRESSURETEST@37.8°C	PSI	Sum. 8 wint. 9***		D-323
04	Octane Number(RON)			92	ASTM D- 2699
05	DESTILLATION 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		ASTM D-381
06	EXISTENT GUM	mg/100ml	4		ASTM D-525
07	INDUCATION PERIOD@	MIN.	.....	360	ASTM D-5453
08	Total Sulphur CONTENT	% WT	0.1		ASTM D-130
09	Copper Corrosion Strip @50°C	....	1a		ASTM D-
	DOCTOR TEST		NEG.		ASTM D-3606
10	BENZENE	%VOL	3		ASTM D-1319
11	AROMATICS	%VOL	40		ASTM D-4815
12	OXYGENATES	%VOL	NIL	NIL	ASTM D-1319
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					

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Date: _____ Ref : **YPC / SPECIFICATION OF GAS OIL** مرجع: _____ التاريخ: _____

Item	Characteristic	Unit	Specification limits		Test method
			max	min	
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@40°C	Cst	5.5	1.9	D445
05	Distillation D-86				D86
1	87% vol. rec.	°C		357	
06	Color	ASTM	L2.0	.....	D1500
07	Total Sulphur	%WT	0.5	.....
08	Corrosion Copper Strip 3h at 100°C	.....	Stripe No 01		D130
09	Pure point	°C	MINUS 3		D97
10	Cloud point	°F	46		D 2500
11	Carbon residue(conradson 10% residue)	%WT	0.1		D189
12	Total Acid No.	Mg/kg	0.1	....	D974
13	Ash content	%WT	0.01	.....	D482
14	Water by distillation	%Vol	0.05	.....	D95
15	Sediment by Extraction	%WT	0.01	....	D473
16	Cetan Index .	.....	.....	47	D976

***Note

Color of Gas oil Should Be Normal Pale Yellow