



HUDSON OIL CORPORATION

Bridging Businesses together

Ruchliwa 15, 02-182 Warszawa, Polska
KRS:0000407082
Nurkent microdistrict, house 5/15, Alatau
district, Almaty city postal code 050038
Kazakhstan
BIN: 180140025638

+48 7320 70488
+7775 265 16 29
www.hudsonoil.eu
info@hudsonoil.eu

STANDARD SPECIFICATION OF BENZENE OCTANE 83

PROPERTY	REQUIREMENT	REQUIREMENT	TEST METHOD
	MIN	MAX	
Research Octane Number, RON	91 (Until 31.12.2014)	-----	ISO 5164
		-----	ASTM D2699
Motor Octane Number, MON	81 (Until 31.12.2014)	-----	ISO 5163
		-----	ASTM D2700
Lead Content, mg/L	-----	1.3	EN 237 ASTM D3237/IP 428
Benzene Content, % v/v	-----	3.0	EN 238/IP429 ASTM D4420
Total aromatics, % v/v	To Be Reported	To Be Reported	ASTM D1319, ASTM D5580 or ASTM D5443
Density (at 20 °C), kg/m³	716	771	ISO 3675, ASTM D4052 ASTM D1298
Density (at 15 °C), kg/m³	720	780	
Sulphur Content, % m/m	-----	0.015	EN 24260, ISO 8754, ASTM D2622/IP336
Oxidation stability, minutes	360	-----	ISO 7536/IP40 ASTM D525
Appearance	Clear, bright and free from suspended particles	Clear, bright and free from suspended particles	Visual Inspection
Doctor Test*	To Be Reported		ASTM D4952/IP30
Mercaptan Sulphur, % m/m		0.001	ASTM D3227
Color			Visual Inspection
Dye Content, g/m³		1.3	-----
Odor	Marketable	Marketable	-----
Oxygenates			EN 1601/EN 13132
RVP at 37.8 °C, KPa		65	ASTM D323
FVI		93	ASTM D323 ASTM D86 OR IP123 ASTM D86
Distillation			
a) Temperature, °C for:			
Initial Boiling Point	To Be Reported		
10% volume fraction evaporated		71	
50% volume fraction evaporated	77	115	
90% volume fraction evaporated		180	
b) Final boiling point, °C		210	
c) Residue, % Volume fraction,		2.0	
d) Evaporated to 70 °C (E70), % volume fraction	Report	Report	
* If Negative, no need to carry out Mercaptan Sulphur test.			
NOTE: For the purpose of this standard, the RON and MON shall be 91 and 81, Min			