



The Shell Company of Thailand Limited

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Technical Data Sheet

Product name : Shell FuelSave Gasohol 91

Material code : 400004487

Properties	Units	Test Method	Specification
Appearance	-	Visual	Bright & Clear
Research Octane Number (RON)	-	ASTM D2699	91.0 min.
Motor Octane Number (MON)	-	ASTM D2700	80.0 min
Lead Content	g/l	ASTM D5059	0.005 max.
Sulphur Content	%wt.	ASTM D2622	0.001 max.
Phosphorus Content	g/l	ASTM D3231	0.0013 max
Distillation			
- Distillation 10% Evaporated	°C	ASTM D86	70 max.
- Distillation 50% Evaporated	°C	ASTM D86	70-110
- Distillation 90% Evaporated	°C	ASTM D86	170 max.
- Distillation FBP	°C	ASTM D86	200 max.
Residue	%vol.	ASTM D86	2.0 max
Vapor Pressure	kPa	ASTM 5191	62 max.
Silver Strip Corrosion	-	ASTM D4814	1 max.
Oxidation Stability	minute	ASTM D525	360 min.
Existent Gum	mg/100 ml	ASTM D381	4 max.
Colour			
- Hue	-	Visual	Green
- Dye Content	mg/l	-	4.0 min.
Denatured Ethanol	%vol.	ASTM D4815	9-10
Aromatic Content	%vol.	ASTM D5580	35 max.
Benzene Content	%vol.	ASTM D5580	1.0 max.
Olefins	%vol.	ASTM D6839	18 max.
Water Content	%wt.	ASTM E203	0.7 max.
Detergent Additive	-		According to DOEB registration

Effective date : 1st January 2024

** Sulphur content is under a waiver period of Euro 5 standard by DOEB

(Sompop Srivannavit)

Fuel Technical Manager

The Company reserved the right to change the information contained herein without notice.