

SUPERPLUS 98 - E5

Property		Unit	Minimum	Maximum	Test method
Research Octane Number (RON)		-	98,0	-	EN ISO 5164
Motor Octane Number (MON)		-	88,0	-	EN ISO 5163
Lead content		mg/l	-	5,0	EN 237
Density at 15 °C		kg/m ³	720,0	775,0	EN ISO 3675
Sulfur content		mg/kg	-	10,0	EN ISO 20846
Manganese content		mg/l	-	2,0	EN 16315 / EN 16136
Oxidation stability		min.	360	-	EN ISO 7536
Existent gum content (Solvent washed)		mg/100ml	-	5	EN ISO 6246
Copper strip corrosion (3 hrs. at 50 °C)		Rating	Class 1		EN ISO 2160
Appearance		-	Clear and bright		Visual inspection *
Hydrocarbon type content	Olefins	% v/v	-	18,0	EN ISO 15417
	Aromatics	% v/v	-	35,0	
Benzene content		% v/v	-	1,0	EN 238
Oxygen content		% m/m	-	2,7	EN 1601
Oxygenates content	Methanol	% v/v	}	3,0	EN 1601
	Ethanol			5,0	
	iso-propyl alcohol			Volume blending restricted to 2.7% (m/m) maximum oxygen content	
	iso-butyl alcohol				
	tert-butyl alcohol				
	ethers (5 or more C atoms)				
	other oxygenates				
Vapour pressure	Summer**	kPa	45,0	60,0	EN 13016-1
	Winter***	kPa	65,0	95,0	
Vapour Lock Index	April + October	index	-	1200	-
Distillation	% evaporated at 70 °C E70 **	% v/v	20,0	48,0	EN ISO 3405
	% evaporated at 70 °C E70 ***	% v/v	22,0	50,0	
	% evaporated at 100 °C E100	% v/v	46,0	71,0	
	% evaporated at 150 °C E150	% v/v	75,0	-	
	Final Boiling Point (FBP)	° C	-	210	
	Distillation residue	% v/v	-	2	

Specification meets at least NBN EN228 / NEN EN228 / ILNAS EN228

* Appearance shall be determined at ambient temperature

** Summer: May 1st - September 30th

*** Winter: October 1st - April 30th

More stringent seasonal specifications for RVP will be applied and are available at request

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