

QUALITY CERTIFICATE
Nr. 86-2022PT

Diesel KKN 27101943, STN EN 590, SLOVAK origin

Test	Unit	Method	Results	Limits
Cetan number	-	STN EN 15195	52,6	min. 51,0
Cetane index	-	STN EN ISO 4264	51,8	min. 46,0
Density at 15°C	kg/m ³	STN EN ISO 12185	837,6	820,0 – 845,0
Density at 15°C cor.	kg/m ³	DIN 51650	836,5	just for information
Polycyclic aromatic hydrocarbons	% m/m	STN EN 12916	2,8	max. 8,0
Manganese content (Mn)	mg/l	EN 16576	<0,5	max. 2,0
Sulphur content	mg/kg	PP SV 5004 (STN EN ISO 20846)	9,38	max. 10,0
Flash point (PM)	°C	STN EN ISO 2719	70,0	min. 56,0
Carbon residue (of 10% dist. residue)	% m/m	STN EN ISO 10370	0,02	max. 0,30
Ash content	% m/m	STN EN ISO 6245	<0,001	max. 0,010
Water content	% m/m	STN EN ISO 12937	0,004	max. 0,020
Total Contamination	mg/kg	EN 12662	<12,0	max. 24,0
Copper Strip Corrosion	3h at 50°C	EN ISO 2160	1a	class 1
Oxidation Stability	g/m ³	EN ISO 12205	1	max. 25
Lubricity (wsd 1,4 60°C)	µm	ISO 12156-1	350	max. 460
Kinematic viscosity at 40°C	mm ² /s	STN EN ISO 3104	2,815	2,000 - 4,500
Distillation:				
% v/v recovered at 250 °C	% v/v	STN EN ISO 3405	37,3	< 65,0
% v/v recovered at 350 oC	% v/v	STN EN ISO 3405	92,7	min. 85,0
95 % v/v recovered at, °C	°C	STN EN ISO 3405	359,1	max. 360,0
FAME content	vol %	STN EN 14078	0	max. 0,10
Cold Filter Plugging Point (CFPP)	°C	STN EN 116	-6	max. 0
Electrical conductivity at 20 ° C, pS/m	pS/m	ASTM D 2624	169	min. 50

Remarks :

(*) Test was performed on multiple RTCs composite sample. All other tests were run on individual shore tank(s) composite sample(s) before loading into RTCs.

Certificate issued on : 16.06.2022

Worked out by : Kocák Juraj