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## LIGHT LIQUID FUEL TYPE III (TS as per STAS 54/80) Custom Code: 2710.19.61

### TECHNICAL SPECIFICATIONS :

CHARACTERISTICS	TECHNICAL CONDITIONS	TEST METHOD		
		STAS	ISO	ASTM
Relative Density at 20 °C, max.	0,935	35-81	3675	D 1298 / 85
Viscosity at 20 °C - °E, max. - cSt, max.	4,5 33	117-87	3104	D 445 / 96
Viscosity at 50 °C - °E, max. - cSt, max.	3 21	117-87	3104	D 445 / 96
Flash point M, °C, min.	55	5489-80	-	D92 / 97
Freeze point, °C, max.	-8 winter +5 summer	39-80	-	D 97 / 96
Acidity / alkalinity	absent	22-64	-	D 664 / 95
Water, % (distillation method), max.	0,5	24/ 2-9	3733	D 95 / 83
Sediment, %, max.	0,2	116-71	3735	D 473
Coke, %, max.	5	SR ISO 6615	6615	D 189 / 97
Ash, %, max.	0,15	38-81	6245	D 482 / 95
Sulfur, %, max.	1	SR ISO 8754	8754	D 4294 / 90
Distillation : up to 250 °C, % vol. min.	10	SR ISO 3405	3405	D 86 / 96
Low calorific power Kj/kg, min. (Kcal/kg) min.	40350 ( 9650 )	5269-77	-	-

### GENERAL DESCRIPTION:

Present specification are referring to the LIGHT LIQUID FUEL – TYPE 3 produced by mixture of medium and heavy fractions, obtained from atmospheric crude oil distillation and vacuum fuel oil distillation or residuum processing.

### APPLICATIONS:

This product is used for central heating and industrial equipment burners.

*End users are sole responsible for not using the product in accordance with producer's prescriptions and import country legislation in force.*

### PACKAGING – STORAGE:

The packaging, marking and storage shall be made as per stipulations of Romanian standard STAS 4225/79.

Product has to be delivered only in clean suitable means of transportation, each lot being accompanied by quality, quantity certificates and transport safety data sheet. Quality is guaranteed for 3 (three) months starting from producing date, stipulated storage conditions have to be observed.

### SAFETY MEASURES:

As product is flammable, usual caution measures of fire prevention have to be taken when handling and storing this product.

**Note:** The info in this technical sheet is valid until the 31st of December, 2008. We ask you to contact STEAUA ROMANA REFINERY in order to see if the document has been revised.