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HEAVY LIQUID FUEL FOR INDUSTRIAL BURNERS “FUEL OIL 40/45” (TS as per STAS 51/83) Custom code: 2710.19.61

TECHNICAL SPECIFICATIONS:

CHARACTERISTICS	TECHNICAL CONDITIONS	TEST METHOD		
		STAS	ISO	ASTM
Viscosity, °E, max - at 50 °C - at 80 °C	40 9	117-87	3104	D 445/96
Freezing point, °C, max	45	39-80	-	D 97/96
Flash point, °C, min	90	5489-80	-	D 92/97
Mineral acidity and alkalinity	Absent	22-64	-	D 664/95
Water, %, max	1	24/2-89	3733	D 95/83
Sediment, %, max	1,2	116-71	3735	D 473/81
Water + sediments, %, max	1.5	24/1-89	3734	D 1796/97
Coke index, %, max	14	SR ISO 6615	6615	D 189/97
Ash, %, max	0.5	38-81	6245	D 482/95
Low calorific power, kJ/kg, (kcal / kg), min	39800 (9500)	5269-82	-	-
Sulphur, %, max	1.0	SR ISO 8754	8754-96	D4294 / 90

GENERAL DESCRIPTION:

Present specification are referring to the **FUEL OIL TYPE 40/45** obtained as residues from the atmospheric and low pressure distillation of crude oil and by mixture of these residues with oil fractions.

APPLICATIONS:

This product is used as combustible for industrial equipment burners.. The low calorific power is warranted by the producer , the real value to be established at least once within 3 months, at customer request

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 is delivered only by road tank cars and rail way tanks provided with heating device, 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 .