

LIGHT FUEL OIL TYPE 3

USES: FOR HEATING STATION, TO HEATING CHAMBER OF EQUIPMENTS AND INDUSTRIAL INSTALLATIONS, AFTER PRESCRIPTION

PROPERTY	UM	LIMITS		TEST METHOD
		Min.	Max.	
Density at 15 ⁰ C	kg/m ³	-	940	SR EN ISO 3675-02/C91:2005 ASTM D 1298-12b(2017)
Viscosity at 20 ⁰ C				STAS 117-87 pct.4
- conventional	⁰ E	-	4.5	SR EN ISO 3104-02/AC 2002
-kinematic	mm ² s ⁻¹	-	33	ASTM D 445-17a
Viscosity at 50 ⁰ C				STAS 117-87 pct.4
- conventional	⁰ E	-	3	SR EN ISO 3104-02/AC 2002
-kinematic	mm ² s ⁻¹	-	21	ASTM D 445-17a
Flash point, Marcusson	⁰ C	55	-	SR 5489-08
Freezing Point				STAS 39-80
-Winter	⁰ C	-	-8	
-Summer		-	+5	
Alkalinity and mineral acidity			lack	STAS 22-64 ASTM D 1093-11(2017)
Water content	%(v/m)	-	0.5	ASTM D 95-13e1
Sediment	%(m/m)	-	0.2	ASTM D 473-07(2017)e1
Residual carbon	%(m/m)	-	5	SR ISO 6615-96 ASTM D 189-06(2014)
Ash content	%(m/m)	-	0.15	SR EN ISO 6245-03 ASTM D 482-13
Sulphur content	%(m/m)	-	1	SR EN ISO 8754-04 ASTM 4294-16e1
Distillation:				SR EN ISO 3405-11
-up to 250 ⁰ C distill	%(v/v)	10	-	ASTM D86-17
Low calorific power	MJ/kg	40.35	-	ASTM D 4868-17
	kcal/kg	9650		

Note: Will be considered summer between 1 April-30 September and winter between 1 October–31 March.

Quality control: the control is done on lot (batch).

The batch size corresponds to tank capacity, max.300 tones for delivery in trucks and tankers and will consist of the same product type.

For each batch must to check all quality coefficients provided in standard specification of the product/type.

The product must to comply with all provided characteristics. If not, the lot is rejected.

In case of litigation, quality control will be made on samples taken in accordance with sampling procedure and hold for this case.

Sampling procedure: SR EN ISO 3170-2004/C91:2005/ASTM D 4057-12

Information on product classification, packing, labelling, handling, transport and storage: accordance with the Safety Data Sheet 34V.

The integrated Quality-Environment-Occupational Health and Safety Management System is certified by DNV-GL according to the following standards:

- ISO 9001
- ISO 14001
- BS OHSAS 18001

The test lab is accredited by RENAR, in compliance with SR EN ISO/CEI 17025.

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