

## ROMPETROL CALOR ECONOMIC 3

### (LIGHT FUEL OIL)

USES: TO PRODUCE THERMAL ENERGY FOR DOMESTIC AND INDUSTRIAL USE

PROPERTY	UM	LIMITS		TEST METHOD
		Min.	Max.	
Density at 15 <sup>0</sup> C	kg/m <sup>3</sup>	-	940	SR EN ISO 3675-02/C91:2005 ASTM D 1298-12b(2017)
Distillation: -up to 250 <sup>0</sup> C distill	%(v/v)	10	-	SR EN ISO 3405-11 ASTM D 86-17
Conventional viscosity at 50 <sup>0</sup> C	<sup>0</sup> E	-	3	STAS 117-87 pct.4
Flash point, Marcusson	<sup>0</sup> C	55	-	SR EN ISO 2719-16 ASTM D 93-16a
Freezing Point -winter -summer	<sup>0</sup> C	-	-8 +5	STAS 39-80
Water content	%(v/m)	-	0.5	ASTM D 95-13e1
Alkalinity and mineral acidity		lack		STAS 22-64 / ASTM D 1093-11(2017)
Ash content	%(v/m)	-	0.15	SR EN ISO 6245-03 / ASTM D 482-13
Residual carbon	%(v/m)	-	3	SR EN ISO 10370-15 / ASTM D 4530-15
Sulphur content	%(m/m)	-	1	ASTM D 2622-16 / ASTM D 4294-16e1 SR EN ISO 8754-04
Low calorific power	KJ/kg kcal/Kg	40350 9650	-	ASTM D 4868-17

Note: Will be considered Summer between April, 01-September, 30 and Winter between October 01– March, 31.

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

The batch size corresponds to tank capacity, max.1000 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 32V.

**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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