



# S.C. RAFINĂRIA STEAUA ROMÂNĂ S.A.

CÂMPINA, CALEA DOFTANEI NR. 15, 105600  
Prahova, ROMÂNIA

Tel: (+40) 244 336 151 ♦ Fax: (+40)2 44 337 341

E-mail: [steauaromana@steauaromana.ro](mailto:steauaromana@steauaromana.ro); [www.steauaromana.ro](http://www.steauaromana.ro)



## MINERAL OIL FOR TEXTILE INDUSTRY TYPE Te16A

(TS as per STAS 744/91)

Custom Code: 2710.19.99

### TECHNICAL SPECIFICATION:

CHARACTERISTICS	TECHNICAL CONDITIONS	TEST METHOD		
		STAS	ISO	ASTM
Relative density at 15 °C, max.	0.900	35-81	3675	D 1298 / 85
Flash point M in open vase, °C, min.	155	5489-80	-	D 92 / 97
Cinematic viscosity at: 20 °C, mm <sup>2</sup> s <sup>-1</sup> (cSt) 40 °C, mm <sup>2</sup> s <sup>-1</sup> (cSt) 50 °C, mm <sup>2</sup> s <sup>-1</sup> (cSt)	30 - 40 14 - 18 6 - 12	117-87	3104	D 445 / 96
Colour, ASTM units, max.	3	34-67	2049	D 1500 / 96
Freezing point, °C, max.	-12	39-80	-	D 97 / 96
Ash, % max.	0.005	38-81	6245	D 482 / 95
Organic acidity, mg KOH /g, max.	0.05	23-75	6618	D 974 / 97
Viscosity index, min.	60	55-81	2909	D 2270 / 93
Copper strip corrosion 3h / 100 °C	negative	SR ISO 2160	2160	D 130/94
Coke, % max.	0.1	SR ISO 6615	6615	D 189 / 97
Mineral acidity and alkalinity	absent	22-64	-	D 664 / 95
Mechanical impurities	absent	-	-	-

### GENERAL DESCRIPTION:

Present specification are referring to the mineral textile oils type Te16A produced from medium oil fractions , obtained by crude oil processing.

### APPLICATIONS:

This product is used for greasing of industrial sewing and knitting machines, spinning mills and for greasing of silk, cotton threads to be knitted.

Mineral textile oils type Te16A can be delivered, with the beneficiary approval, at a freezing point of +1° C, when it is used for equipment located in closed rooms.

*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.

Products have 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 products are flammable, usual caution measures of fire prevention have to be taken when handling and storing these products.

**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 .