

	PRODUCT TECHNICAL SPECIFICATION	No.	WT-2017/LP-91
	RANWAX	Edition no.	4
		Date (of actualisation)	September 11th, 2025

1. INTRODUCTION

1.1. Subject. The subject of this document is the RANWAX is obtained as a mixture of hydrocarbons.

1.2. Range of the WT subject usage. The product is used as a coating agent for fertilizer granules, to prevent dusting.

2. LABELLING

2.1. Labelling examples:

RANWAX

WT-2017/LP-91

3. QUALITY REQUIREMENTS AND TEST METHODS

3.1. Standard parameters and test methods.

Table 1. – Quality requirements valid for each batch of the product:

Parameters	Unit	RANWAX	Test method
1	2	3	4
a) Pour Point	°C	15 - 30	PN-ISO 3016:2005 ASTM D 97
b) Density at 15°C	g/cm ³	Evaluated, indicated in certificate	PN-EN ISO 3675:2004
c) Flash point	°C	min.180	PN-EN ISO 2592:2017-10
d) Kinematic viscosity at 100°C	mm ² /s	Evaluated, indicated in certificate	PN-EN ISO 3104:2004

3.2. Sample taking. According to PN-EN ISO 3170:2006.

4. PACKAGING, STORAGE AND TRANSPORTATION

4.1. Packaging. RANWAX is stored in the following way:

- liquid loose in heated storage tanks,
- 1000l containers.

The method of packaging and storage is in accordance with the regulations of transportation of petroleum products described in national and international transportation law.

It is admitted to use other kind of packages previously agreed between recipient, producer and carrier, in condition that product is protected well.

On each package should be placed a label with at least following information:

- a) producer name,
- b) address of producer
- c) labelling according to the point 2.,
- d) mass net or volume,
- e) date of production,
- f) control number.

4.2. Storage. The product should be stored in following way:

- liquid state, at a temperature of 60-85 °C, in closed tanks equipped with heating system, protecting the product against moisture and mechanical impurities, away from heat sources. The Shelf Life of a product stored in accordance with the above guidelines is 6 months.

- solid state in closed packages, protecting the product against moisture and mechanical impurities, away from heat sources, at a temperature not exceeding 25 °C, protected from direct sunlight. The Shelf Life of a product stored in accordance with the above guidelines is 12 months.

4.3. Transportation. The product is not classified as dangerous when shipped by all means of transport and is not a subject of the transportation regulations RID/ADR.

5. ADDITIONAL INFORMATION

5.1. Institution preparing WT: Polwax S.A., Jasło, Poland

5.2. Standards and referenced documents

PN-EN ISO 3170:2006 – Petroleum liquids. Manual sampling.

Other standards related: table 1.

Checked:

SZEF BIURA TECHNOLOGII


.....**Mateusz Kłaczek**.....
Head of the Technology Office

Approved:

DYREKTOR OPERACYJNY


.....**Piotr Tordowski**.....
Operation Director