

	PRODUCT TECHNICAL SPECIFICATION	No	WT-2012/LP-65
	MARWAX	Edition no	10
		Date <small>(last actualization)</small>	September 11th, 2025

1. INTRODUCTION

- 1.1. Subject.** The subject of this document is MARWAX, which is a mixture of petroleum products, mainly slack waxes.
- 1.2. Description of usage.** The product is used for metal surface protection against corrosion and as a lubricant.

2. LABELLING

2.1. Labelling examples:

MARWAX WT-2012/LP-65

3. QUALITY REQUIREMENTS AND TEST METHODS

3.1. Standard parameters and test methods – according to the table 1

Table 1. Quality requirements valid for each batch of product.

Parameters	Unit	MARWAX parameter value	Test method
a) Congealing point	°C	65,0 – 77,0	PN-ISO 2207:2011 ASTM D 938
b) Oil content	%	2,0 – 7,0	PN-C-04160:1980 ASTM D 721-97
c) Needle penetration at 25°C	mm·10 ⁻¹	45 – 80	PN-C-04313:2018 ASTM D 1321
d) Colour	-	1,0 – 6,0	ASTM D 1500
e) Flash point	°C	min. 200	PN-EN ISO 2592:2017-10 ASTM D 92-97
f) Water content	%	max. 0,2	PN-ISO 3733:2008 ASTM D 95

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

4. PACKAGING, STORAGE AND TRANSPORTATION

4.1. Packaging.

- MARWAX is stored in the following way:
- Liquid loose in heated storage tanks.
 - slabs on wooden pallet 1000 kg or in cardboard 24 kg, cardboards 20 kg.

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. MARWAX should be stored in heated storage tanks protecting against humidity and mechanical impurities, far from heat radiators. Shelf Life of the product stored in accordance with the above guidelines is 5 years.

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:

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