

MELITOPOL OIL EXTRACTION PLANT

31 Hetmana Sahaidachnogo st.,
Melitopol, Ukraine, 72310

Tel: +38-067- 613-04-77 , Viktoriia Kalenyk

Fax: +38-0619 -424-411

market@melmez.com.ua

www.melmez.com.ua

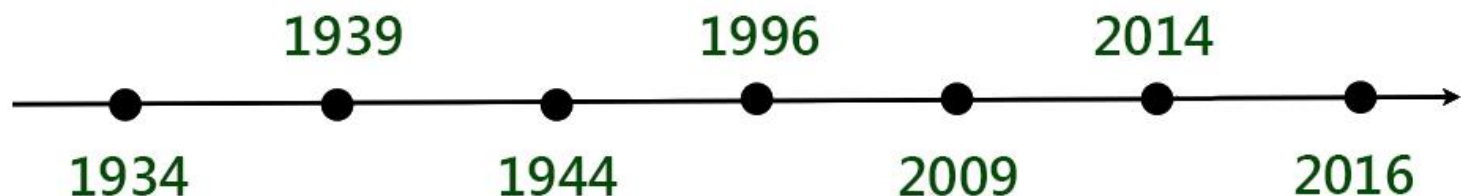




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History of the plant

- **1934** – a private oil mill was founded by entrepreneurs Vorobiev and Roberts;
- **1939** – the oil mill was reorganized into an artel “Promzhir” processing 35 tons of sunflower seeds per day;
- **1944** – the artel was reorganized into a state cotton & sunflower seeds processing plant;
- **1996** – a leased plant was reorganized into an open joint-stock company “Melitopol oil extraction plant”;
- **2009** – a hydrogenated fats shop with a capacity of 100 tons per day was put into operation;
- **2014** – installation of a modern filtration section and a new press increased production capacity;
- **2016** – the hydrogenated fats shop was reconstructed into refined deodorized winterized sunflower oil production;
- **2017** – filling line for PET bottles was installed.





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Activity of the plant



- production of crude and extracted sunflower oil (ordinary & high oleic);
- production of refined deodorized winterized sunflower oil (ordinary & high oleic);
- sunflower oil bottling (0.75, 1, 2.5, 4, 5, 15, 16, 18, 20 liters);
- production of toasted & granulated sunflower meal;
- production of sunflower husk pellets;
- export.





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Production capacity per month

- 7 500 MT of crude sunflower oil;
- 3 500 MT of refined deodorized winterized sunflower oil;
- 7 000 MT of sunflower meal;
- 1 500 MT of pellets.

The plant is able to process up to 600 tons of sunflower seeds per day.





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Range of Goods

- crude sunflower oil (virgin oil, 100% pure pressing);
- crude sunflower oil, first grade (mixture of pressed and extracted sunflower oil);
- crude high oleic sunflower oil, 75-84% oleic acid content (virgin oil, 100% pure pressing);
- crude high oleic sunflower oil, first grade, 75-84% oleic acid content (mixture of pressed and extracted sunflower oil);
- refined deodorized winterized sunflower oil;
- refined deodorized winterized high oleic sunflower oil, 75-82% oleic acid content ;
- bottled refined deodorized winterized sunflower oil (0.75,1, 2.5, 4,5, 15,16, 18, 20 liters);
- toasted & granulated sunflower meal;
- sunflower husks pellets.





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High oleic sunflower oil

Our plant also produces one of the most innovative and wholesome vegetable oils – **high oleic sunflower oil**.

High oleic sunflower oil is made of sunflower seeds containing a large amount of oleic acid (Omega-9, monounsaturated fatty acid). This fact distinguishes it from other vegetable oils and makes it by far the best one for human health.

Benefits of high oleic sunflower oil:

- Similar to olive oil by fatty acids composition;
- Resistant to high temperatures, which makes it ideal for deep frying (does not smoke or emit carcinogens);
- Has extended shelf life;
- Contains a well-balanced ratio of omega-3, omega-6, omega-9;
- Contains vitamin E;
- Guarantees high quality of different dishes.





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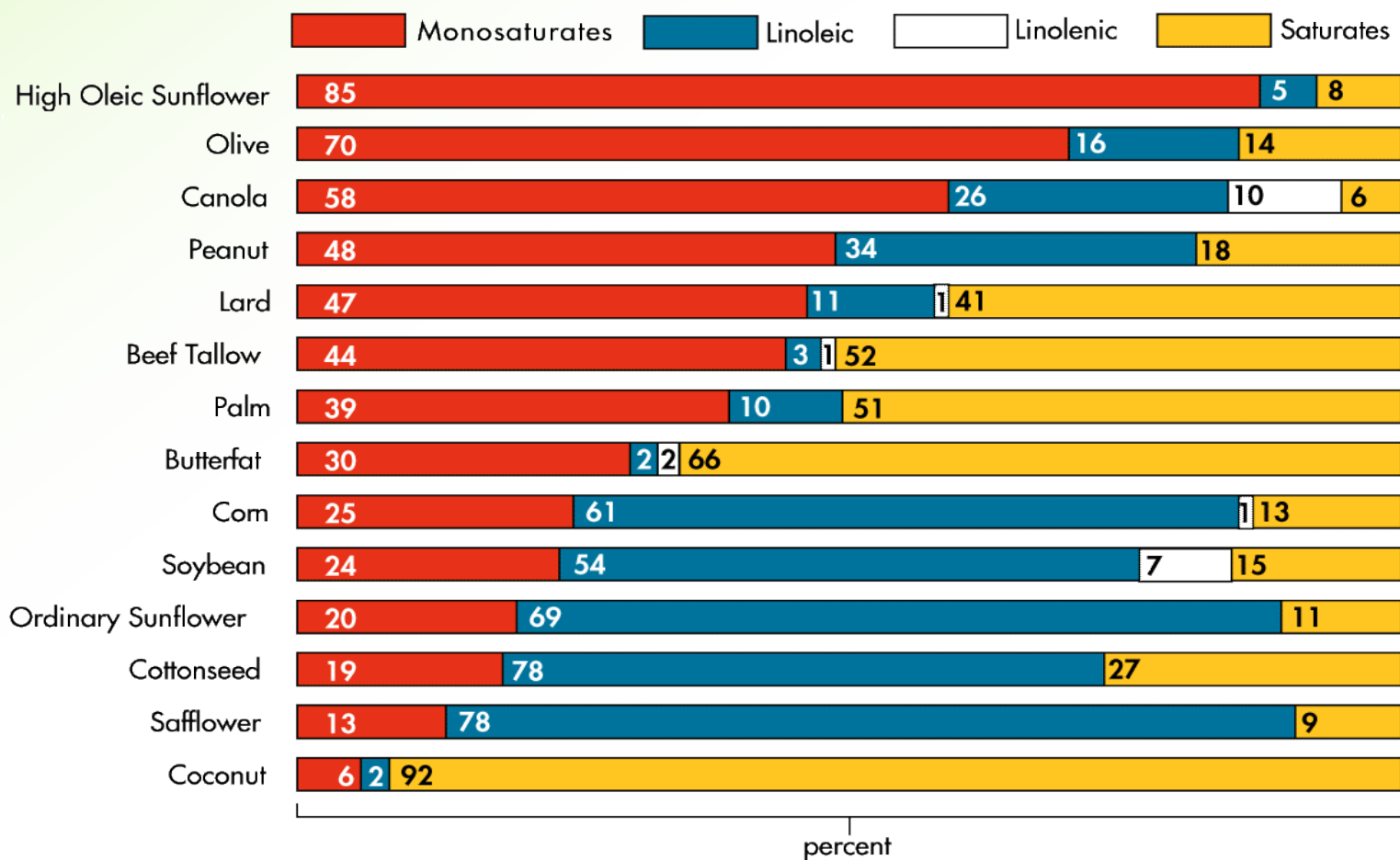
Refined deodorized winterized high oleic sunflower oil quality characteristics

PARAMETERS ПАРАМЕТРЫ	Values Значения	
	Not more than <i>Допустимые, Не более</i>	In fact <i>Фактически</i>
CLARITY ПРОЗРАЧНОСТЬ	Clear without sediment Прозрачное без осадка	Clear without sediment Прозрачное без осадка
TASTE & ODOR ВКУС И ЗАПАХ	Taste of refined sunflower oil, odorless Вкус обезличенного масла, без запаха	Taste of refined sunflower oil, odorless Вкус обезличенного масла, без запаха
COLOR NUMBER, MG OF IODINE ЦВЕТНОЕ ЧИСЛО ПО ЛОВИБОНДУ (R, Y)	$0,7 \leq R \leq 1, 6 \leq Y \leq 10$	$0,8 \leq R, 7 \leq Y$
COLOR NUMBER, MG OF IODINE ЦВЕТНОЕ ЧИСЛО, МГ ЙОДУ	10	0,9
ACID NUMBER, (KOH)/(MG/G) КИСЛОТНОЕ ЧИСЛО	0,25	0,10
PEROXIDE NUMBER, $\frac{1}{2}$ O (MMOL/KG) ПЕРЕКИСНОЕ ЧИСЛО	2,00	0,50
INSOLUBLE IMPURITIES, % МАССОВАЯ ДОЛЯ НЕЖИРОВЫХ ПРИМЕСЕЙ	No Отсутствие	No Отсутствие
PHOSPHORUS-CONTAINING SUBSTANCES, % МАССОВАЯ ДОЛЯ ФОСФОРОСОДЕРЖАЩИХ ВЕЩЕСТВ	No Отсутствие	No Отсутствие
MASS FRACTION OF OLEIC ACID, NOT LESS, % МАССОВАЯ ДОЛЯ ОЛЕИНОВОЙ КИСЛОТЫ, НЕ МЕНЕЕ	78,00-85,00	82,50
MOISTURE AND VOLATILE SUBSTANCES, % МАССОВАЯ ДОЛЯ ВЛАГИ И ЛЕТУЧИХ ВЕЩЕСТВ	0,10	0,02



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Comparison of dietary facts of high oleic sunflower oil with other vegetable oils





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Deep-frying sunflower oil

Special sunflower oil for deep frying – refined sunflower oil with food additives (E320/E321) and antifoaming agent (E900).

Advantages of sunflower oil for deep-frying:

1. Main ingredient is **high oleic sunflower oil** with an oleic acid content (Omega-9, monounsaturated fatty acid) of at least 80%;
2. Due to its fatty acid composition is **more economical in use and more resistant to oxidation**, which increases time of its use and provides a longer shelf life of ready-to-eat products;
3. **Does not foam or smoke**. It has a high smoke point (up to 235°C), which allows to fry foods evenly at very high temperatures maintaining its nutritional properties and mouth-watering appearance;
4. Perfect for production of snacks, chips, confectionery, as well as HoReCa segment – **has a long-term use cycle without frequent replacement**;
5. **Healthy alternative to palm oil based deep-frying mixes**;
6. **Does not contain trans fats**.





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Our transnational partners

- **Wilmar International Limited**, Singapore;
- **COFCO Agri**, Geneva, Switzerland;
- **Risoil Bulgaria Ltd.**, Bulgaria;
- **Glencore Grain B. V.**, Rotterdam, Netherlands;
- **Allseeds Switzerland S. A.**, Thônex, Switzerland;
- **Mimier Trade S. A.**, Montreux, Switzerland;
- **ADM and others.**



**COFCO
AGRI**


wilmar

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Bottled sunflower oil is produced under “Melitopol sunflower oil”,
“HOSFO” labels as well as different Private labels.



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Elevators of the company are able to store up to
400 000 tons of cereals simultaneously.

Capacity of sunflower oil tanks is 3 000 tons.





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The plant is certified according to ISO 22000:2018 (HACCP) and ISO 9001:2015





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The plant is also certified by the East European Kosher certification as well as by the KAS International certification.

Sertifika
Certificate
شهادة

**"MELITOPOL OIL EXTRACTION PLANT"
LIMITED LIABILITY COMPANY**

Main Factory: 31, Hetmana Sahaidachno Street, City of Melitopol, Zaporozhye Region, 72310, UKRAINE
Filling Factory: 65, Shmidta Street, City of Melitopol, Zaporozhye Region, 72319, UKRAINE

Aşağıdaki ürünler Haram maddeler içermemektedir. Müslümanların tüketimine uygundur (MS1500:2009).
The following products don't contain Haram ingredients, hence fit for MUSLIM Consumptions (MS 1500:2009).
المنتجات التالية لا تحتوي على مكوّنات محرّمة لأهلها صالحة للإستهلاك المسلمین (م س 1500-2009)

HELAL / HALAL / حلال

Bu belge aşağıdaki kapsam için geçerlidir:
This certificate is valid for the following scope:
هذه الشهادة صالحة في المجال التالي:

Ürün Listesi (Ek-1)
Product List (Annex-1)

Sertifika yayın tarihi : 26/10/2018
Date of issue / تاريخ الإصدار : 26/10/2018

Sertifika geçerlilik tarihi : 23/10/2021
Date of validity / تاريخ الصلاحية : 23/10/2021

Sertifika no : TR-H-01-1018-377
Certificate no / رقم الشهادة : TR-H-01-1018-377

Onay
Authorized / موافقة

Genel Müdür
Executive Manager / المدير التنفيذي

24/09/2020





Accredited by JAKIM-MALAYSIA

KAS Uluslararası Sertifikasyon Göz. Tek. Kont. Hiz. Ltd. Şti.
Kuruluş Cad. No: 27 K: 5 Bornova İzmir-Türkiye

info@kascert.com www.kascert.com

**EAST EUROPEAN
KOSHER CERTIFICATION
KOSHER CERTIFICATE**

October 31, 2020
R. Chelmsky, 5761
K.C.F. 17080007

"MELITOPOL OIL EXTRACTION PLANT" LIMITED LIABILITY COMPANY 72310, Zaporizhzhya region, Melitopol, 31 Hetmana Sahaidachno str., Ukraine

This is to certify that we had visited the manufacturing plant "MELITOPOL OIL EXTRACTION PLANT" LIMITED LIABILITY COMPANY, 72310, Zaporizhzhya region, Melitopol, 31 Hetmana Sahaidachno str, Ukraine, where the below mentioned products are manufactured under our supervision and have investigated all ingredients and manufacturing procedures, and can therefore certify that the following products are Kosher Pareve. This Certificate is NOT valid for Passover.

Sunflower Oil Refined Deodorized Winterized And High Oleic Sunflower Oil Refined Deodorized Winterized	Not Packaged
Sunflower Oil Refined Deodorized Winterized And High Oleic Sunflower Oil Refined Deodorized Winterized Packaged Including Trade Marks: Melitopol Sunflower Oil, AVIVLA, LAZEZA, BONZARO, NATURE'S SIGNATURE, VESSADA, BONLIFE, ALLNATURE'S, SUN EMPIRE, HOSPO	0.75L/ 1L/ 1.8L/ 2.5L/ 3L/ 4L/ 4.9L/ 9L/ 9.5L/ 10L/ 15L/ 18L/ 20L.
Sunflower Oil Unrefined Pressed And High Oleic Sunflower Oil Unrefined Pressed	Not Packaged

This Certificate is VALID UNTIL October 31, 2021.

Rabbi Gedaliya Koltanyuk





OFFICE IN ISRAEL
28 Babruy Tern St. Etel, 40000
Phone: +972 7333 18 120 / +972 306 525 425;
office@melkor.org

OFFICE IN USA
14478A
Brooklyn, NY
11218 USA
http://www.melkor.org

10 Bolshoy Spasskiy Pereulok Lane, Moscow 107000
Phone: +7 495 94 35 57; Fax: +7 495 624 4301