



**The Orelube Corporation**

Specialty Industrial Lubricants Since 1958

## INDUSTRIAL LUBRICATING OILS & GREASES



# Lubricating Oils & Greases

For Industrial applications



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Specialty Industrial Lubricants Since 1958

Since 1958, The Orelube Corporation has manufactured and marketed Specialty Lubricants for Industrial applications worldwide.

Orelube products are designed for manufacturing plants that want to run faster and harder.

Rising costs, competitive pressures and demanding production requirements are forcing equipment to work harder, longer and more efficiently. With increasing demand for more efficiency and productivity, it is imperative to keep production going.

Orelube provides a selection of high performance multi-purpose oils and greases that can effectively replace conventional lubricants.

As a part of an integral maintenance program, Orelube helps to decrease equipment failure by providing friction and wear reduction.

All Orelube products are supported by commitment to customer service and superior quality.

## **MADE IN AMERICA AND MARKETING AROUND THE WORLD ■■■**

We provide high performance products using our lubricant technology and manufacturing expertise. Our commitment to customer service and high-quality standards ensures that our customers and distribution partners in North America and abroad receive consistent and reliable products time and time again.

The Orelube Corporation has earned its reputation for excellence by a commitment to continual development and the incorporation of the latest technologies in our lubricant products and materials. Orelube is a trusted name for a range of industries, most notably aerospace manufacturers and industrial OEMs.

## **INDUSTRIAL LUBRICATING OILS & GREASES**



**The Orelube Corporation**

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# Certifications



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## QUALITY POLICY ■■■

The Orelube Corporation has received ISO 9001:2015 Quality Management Certification. ISO 9001 is the international standard that specifies requirements for a quality management system (QMS). Organizations use the standard to demonstrate the ability to consistently provide products and services that meet customer and regulatory requirements.

A quality management system (QMS) is a collection of business processes focused on consistently meeting customer requirements and enhancing their satisfaction. The adoption of a quality management system is a strategic decision for an organization that can help to improve its overall performance.

The PDCA (Plan-Do-Check-Act) cycle can be applied to all processes and to the quality management system as a whole. Risk-based thinking is essential for achieving an effective quality management system. The Orelube Corporation has been assessed by NSF-ISR and found to be in conformance to the following standard: ISO 9001:2015. The Scope of Registration: The manufacturing of Specialty Lubricants for Multiple Industries.

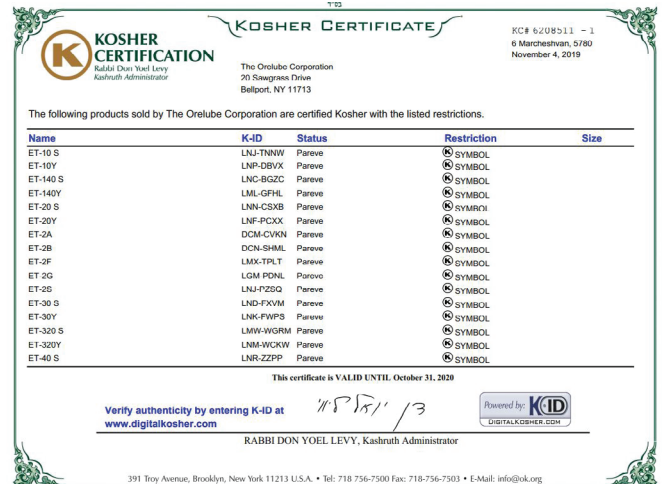
Our employees make every effort to service and satisfy our customers and distributor partners worldwide. The quality management system of The Orelube Corporation has received ISO 9001:2015 registration – for the manufacturing of Specialty Lubricants for Multiple Industries.

The Orelube Corporation has advanced laboratory equipment for quality control and product development including Koehler Digital Penetrometer, Cannon miniAV® Kinematic Viscometer and Brookfield RST Rheometer. We continue to invest in new laboratory equipment to maintain our commitment for high quality and high performance products.

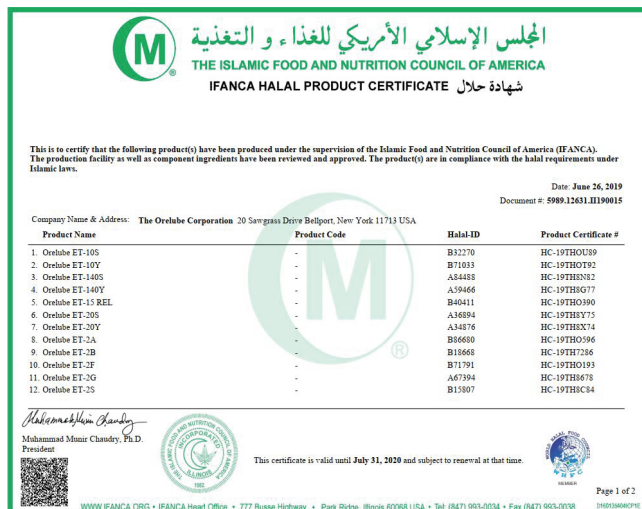
## ISO 9001:2015 ■■■



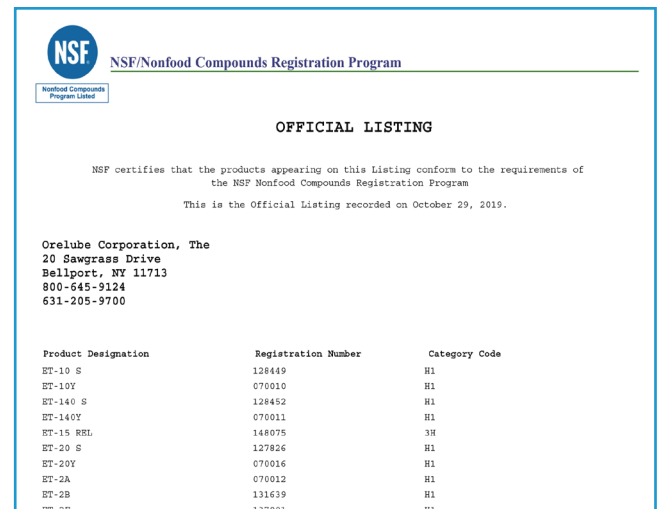
## KOSHER CERTIFICATION ■■■



## HALAL CERTIFICATION ■■■



## NONFOOD COMPOUNDS CERTIFICATION ■■■





## INDUSTRIAL LUBRICATING OILS

**Orelube CO Compressor Fluids**

- Semi-Synthetic blend of highly refined, high VI paraffin base oils and synthetic PAO fluid designed for Rotary Screw, Rotary Vane and Reciprocating type
- Superior wear preventive properties
- Enhanced oxidation stability

	ISO VG
CO-10	32
CO-20	46
CO-30	68
CO-10/50	100

**Orelube 111 W Hydraulic Fluids**

- Semi-Synthetic blend of highly refined, high VI paraffin base oils and synthetic PAO fluid designed for hydraulic systems subjected to high pressures
- Superior wear preventive properties
- Multigrade viscosities
- Tackifier provides extra-adhesive, non-leak properties

	ISO VG
CO-10	32
CO-20	46
CO-30	68
CO-10/50	100

**Orelube HA Hydraulic Fluids**

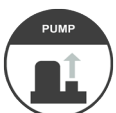
- Antiwear hydraulic fluids blended from highly refined, high VI paraffin base oils to meet the toughest requirements of major manufacturers of hydraulic equipment

	ISO VG
HA-1	32
HA-2	46
HA-3	68
HA-4	100

**Orelube G-10/50**

- Semi-Synthetic blend of highly refined, high VI paraffin base oil and synthetic PAO fluid for EP lubrication of industrial machinery such as high-speed gear drives and reducers, oil-lubricated bearings
- Multigrade viscosity
- Tackifier provides extra-adhesive, non-leak properties

	ISO VG
G-10/50	68 / 100

**Orelube Vacuum Pump 30**

- Formulated from highly refined, high VI paraffin base oil for use in most types of vacuum pumps, including rotary and reciprocating types
- Low vapor pressure for vacuums as low as 10-2 torr

	ISO VG
Vacuum Pump 30	100

**ORELUBE INDUSTRIAL GEAR OILS****Orelube G Gear Oils**

- Semi-Synthetic blend of highly refined, high VI paraffin base oils and synthetic PAO fluid designed for industrial gears operating under heavy loads and/or shock loads
- High EP properties
- Shear stable tackifier provides extra-adhesive, non-leak properties
- Synthesized organic molybdenum compound for antifriction and wear preventive properties

	ISO VG
G-75/80	68
G-40	100
G-90	220
G-90/140	460
G-250	680

**Orelube Gear Oils Red**

- Heavy duty industrial EP gear oils
- Choice of semi-synthetic or paraffin base oil formula
- Tackier provides extra-adhesive, non-leak properties
- Exceed US Steel 224 and AGMA specifications
- Red color

	ISO VG
G-68 Red	68
G-100 Red	100
G-150 Red	150
G-220 Red	220
G-320 Red	320
G-460 Red	460

**Orelube GL Gear Oils**

- Heavy-duty industrial EP gear oils blended from highly refined, high VI paraffin base oils
- Exceed US Steel 224 and AGMA specifications

	ISO VG
GL-68	68
GL-100	100
GL-150	150
GL-220	220
GL-320	320
GL-460	460

**Orelube K Gear Oils ND**

- Semi-Synthetic blend of highly refined, high VI paraffin base oils and synthetic PAO fluid designed for industrial EP gear lubrication
- Tackier provides extra-adhesive, non-leak properties
- Stable colloidal suspension of Molybdenum disulfide reduces friction and wear
- Exceed US Steel 224 and AGMA specifications

	ISO VG
K-30 ND	100
K-40 ND	150
K-90 ND	220
K-90/140 ND	320
K-140 ND	460
K-250 ND	680

**ORELUBE INDUSTRIAL GREASES****Orelube ANTI-SEIZE #1**

- High temperature Moly and Graphite EP compound
- Prevents galling and seizing at pressures up to 500,000 psi
- High solids content provides exceptional EP protection preventing metal-to-metal contact under extreme loads
- Extremely adhesive
- Operating temperature range from -300 to 750 F

**Orelube ANTI-SEIZE #2**

- High temperature Copper, Graphite and Zinc EP compound
- Finely divided soft metals and solid lubricant prevents metal-to-metal contact at pressures up to 200,000 psi
- The high solids content provides superior protection to parts, bolts, screws and threads
- Extremely adhesive
- Operating temperatures up to 2000 F

**Orelube BLUE SEAS**

- Blue Aluminum complex EP grease fortified with special polymer additives to withstand the heavy impact and pounding that is common to heavy equipment
- Being extremely adhesive, it resists throw-off from bearings and fittings
- Unique combination of properties engineered into one grease providing total protection for industrial, marine, agricultural, mining and construction equipment exposed to adverse conditions – high loads, shock loads, water, dirt, dust, weather and steam
- Manufactured using high VI paraffin base oil
- Superior water resistance
- High dropping point
- Mechanical (shear) stability

**Orelube BM-50**

- White semi-fluid EP grease for the lubrication of cams, bearings and grease-lubricated gears especially where excessive leakage is a problem
- Extra-adhesive properties
- Superior wear preventive properties
- Specified for use on Barmag FK6-12 texturizing machines to lubricate the traverse motion unit
- Orelube BM-50 approval and use on Hong Yuan FK6.HY1 series High Speed Draw Texturing Machines for high processing speeds for standard, multi-feed and microfilament polyester yarns

**Orelube CRIMSON 77**

- Red Aluminum complex EP grease fortified with special polymer additives to withstand the heavy impact and pounding that is common to heavy equipment
- Being extremely adhesive, it resists throw-off from bearings and fittings
- Unique combination of properties engineered into one grease providing total protection for industrial, marine, agricultural, mining and construction equipment exposed to adverse conditions – high loads, shock loads, water, dirt, dust, weather and steam
- Manufactured using high VI paraffin base oil
- Other advantages include superior water resistance, high dropping point, and mechanical (shear) stability

## ORELUBE INDUSTRIAL GREASES

**Orelube G-1650**

- Extra-tacky, extremely adhesive, metallic semi-synthetic open gear EP compound for open or semi-enclosed gears
- Manufactured using special synthetic polymers, high viscosity paraffin base oil, Aluminum complex grease and metallic lubricating solids
- Adheres to gear teeth without being thrown off rotating gears
- Metallic lubricating solids help reduce gear wear providing smoother and quieter running machinery
- Superior water resistance
- High dropping point

**Orelube G-1/3**

- Non-melt organoclay grease manufactured using high VI paraffin base oil
- Synthetic Organo-Molybdenum compound provides good wear protection and oxidation inhibition at high temperatures
- Water resistance
- Oxidation stability

**Orelube G2-HT**

- Non-melt organoclay grease manufactured using high VI, high viscosity paraffin base oil for improved thermal and oxidation stability at higher operating temperatures
- EP properties
- Water resistance
- Oxidation stability

**Orelube HT-1000 G**

- Non-melt Organoclay grease manufactured using high VI paraffin base oil.
- Fortified with Graphite solid high temperature lubricant
- Synthesized organic molybdenum compound for antifriction and wear preventive properties
- Water resistance
- Oxidation stability

**Orelube K-2**

- Non-melt organoclay grease manufactured using high VI paraffin base oil
- Fortified with Molybdenum disulfide solid lubricant for antifriction and wear preventive properties
- Water resistance
- EP properties
- Oxidation stability

**ORELUBE INDUSTRIAL GREASES****Orelube NEPTUNE 7**

- Aluminum complex EP grease manufactured using high VI paraffin base oil
- Fortified with Molybdenum disulfide solid lubricant for antifriction and wear preventive properties
- High EP properties
- Superior water resistance
- Oxidation stability
- High dropping point
- Mechanical (shear) stability

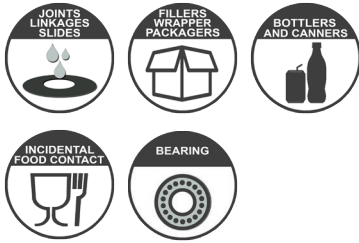
**Orelube OCEAN 7**

- Aluminum complex grease manufactured using high VI paraffin base oil for lubrication in high humidity or salt water conditions
- Superior water resistance
- Rust and corrosion protection
- Wear preventive properties
- High dropping point
- Mechanical (shear) stability

**Orelube OCEAN 7 W**

- White Aluminum complex grease manufactured using high VI paraffin base oil
- Superior water resistance
- EP properties
- Extra-adhesive properties
- Oxidation stability
- High dropping point
- Mechanical (shear) stability

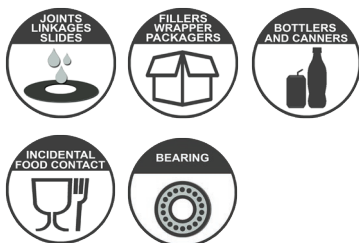


**ORELUBE FOOD GRADE LUBRICANTS****Orelube ET-2A Grease**

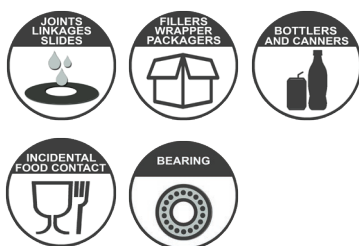
- USP white mineral oil
- Non-toxic
- NSF Registered (No. 070012) H1 White Aluminum complex EP grease for the lubrication of machinery used to produce, process, package and/or transport food, beverage and pharmaceuticals where incidental contact with product may occur
- All the components in ET-2A are in accordance with FDA regulation 21 CFR 178.3570 – Lubricants with incidental food contact
- EP and wear preventive properties
- Superior water resistance
- High dropping point
- Mechanical (shear) stability

**Orelube ET-2B Grease**

- 100% Synthetic PAO
- Non-toxic
- NSF Registered (No. 131639) H1 Aluminum complex EP grease for the lubrication of machinery used to produce, process, package and/or transport food, beverage and pharmaceuticals where incidental contact with product may occur
- All the components in ET-2B are in accordance with FDA regulation 21 CFR 178.3570 – Lubricants with incidental food contact
- EP and wear preventive properties
- Superior water resistance
- High dropping point
- Mechanical (shear) stability

**Orelube ET-2F Grease**

- 100% Synthetic PAO
- Translucent
- Non-toxic
- NSF Registered (No. 137001) H1 Aluminum complex clear grease for the lubrication of machinery used to produce, process, package and/or transport food, beverage and pharmaceuticals where incidental contact with product may occur
- All the components in ET-2F are in accordance with FDA regulation 21 CFR 178.3570 – Lubricants with incidental food contact
- Wear preventive properties
- Superior water resistance
- High dropping point
- Mechanical (shear) stability

**Orelube ET-2G Grease**

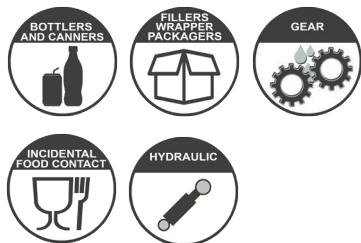
- USP white mineral oil
- Translucent
- Non-toxic
- NSF Registered (No. 070014) H1 nonsoap grease for the lubrication of machinery used to produce, process, package and/or transport food, beverage and pharmaceuticals where incidental contact with product may occur
- All the components in ET-2G are in accordance with FDA regulation 21 CFR 178.3570 – Lubricants with incidental food contact

**Orelube ET-2S Grease**

- 100% Synthetic PAO
- Non-toxic
- NSF Registered (No. 070015) H1 organoclay grease for the lubrication of machinery used to produce, process, package and/or transport food, beverage and pharmaceuticals where incidental contact with product may occur
- All the components in ET-2S are in accordance with FDA regulation 21 CFR 178.3570 – Lubricants with incidental food contact
- Superior low temperature lubrication
- Wear preventive properties

## ORELUBE FOOD GRADE LUBRICANTS

### Orelube ET-S Oils



- 100% Synthetic PAO
- Non-toxic
- NSF Registered H1 lubricating oils for the lubrication of machinery used to produce, process, package and/or transport food, beverage and pharmaceuticals where incidental contact with product may occur
- All the components in ET-S Oils are in accordance with FDA regulation 21 CFR 178.3570 – Lubricants with incidental food contact
- Superior wear preventive properties

	ISO VG		ISO VG
ET-10 S	32	ET-40 S	150
ET-20 S	68	ET-90 S	220
ET-30 S	100	ET-140 S	460

### Orelube ET-Y Oils



- USP white mineral oil
- Non-toxic
- NSF Registered H1 lubricating oils for the lubrication of machinery used to produce, process, package and/or transport food, beverage and pharmaceuticals where incidental contact with product may occur
- All the components in ET-Y oils are in accordance with FDA regulation 21 CFR 178.3570 – Lubricants with incidental food contact
- Superior wear preventive properties

	ISO VG		ISO VG		ISO VG
ET-5Y	15	ET-30Y	68	ET-320Y	320
ET-10Y	46	ET-40Y	100	ET-90/140Y	460
ET-20Y	68	ET-90Y	220	ET-140Y	680

### Orelube PRG



- 100% Silicone grease compound
- Non-toxic
- Translucent
- NSF Registered (No. 138842) H1 grease compound for machinery used to produce, process, package and/or transport food, beverage and pharmaceuticals where incidental contact with product may occur
- All the components in PRG are in accordance with FDA regulation 21 CFR 178.3570 – Lubricants with incidental food contact

### Orelube PRG-FL Grease



- USP white mineral oil
- Non-toxic
- Extra-tacky, extremely adhesive open gear grease
- NSF Registered (No. 138412) H1 Aluminum complex grease for the lubrication of machinery used to produce, process, package and/or transport food, beverage and pharmaceuticals where incidental contact with product may occur
- All the components in ET-2F are in accordance with FDA regulation 21 CFR 178.3570 – Lubricants with incidental food contact
- Specially-formulated for food grade open gear lubrication
- EP properties
- Superior water resistance

### Orelube SYNCHAIN Oils



- 100% Synthetic PAO
- Non-toxic
- NSF Registered H1 lubricating oils for the lubrication of machinery used to produce, process, package and/or transport food, beverage and pharmaceuticals where incidental contact with product may occur
- All the components in SYNCHAIN oils are in accordance with FDA regulation 21 CFR 178.3570 – Lubricants with incidental food contact
- Specially-formulated for food grade oven chain lubrication

	ISO VG		ISO VG		ISO VG
SYNCHAIN 100	100	SYNCHAIN 460	220	SYNCHAIN 220	220

## ORELUBE SYNTHETIC LUBRICANTS

### Orelube Chain Lubricants



- Synthetic Ester and PAO fluids for high temperature chain lubrication
- Superior high temperature oxidation and thermal stability for prolonged fluid life
- High film strength and lubricity reduces chain wear and power consumption
- Superior wear preventive properties

	ISO VG
HT-500	220
HT-1001	390 @ 40 C
FB-300/250	220

### Orelube H Series Compressor Fluids



- 100% Synthetic PAO/Ester blends designed for Rotary Screw, Rotary Vane and Reciprocating Air Compressors
- Oil drain intervals up to 8000 hours
- Superior wear preventive properties
- High oxidation stability

	ISO VG		ISO VG		ISO VG		ISO VG
H-32	32	H-46	46	H-68	68	H-100	100

### Orelube OL Gear Oils



- 100% Synthetic PAO/Ester blends for industrial EP gear lubrication over a wide temperature range
- Superior wear preventive properties
- Substantial reductions in friction and power consumption
- Lower operating temperatures

	ISO VG
OL-150	150
OL-220	220
OL-320	320
OL-460	460

### Orelube HT-550 SC



- 100% Synthetic Ester high temperature grease for use at operating temperatures above 400 F (204 C)
- High EP properties
- Fortified with PTFE solid lubricant
- Unique synthetic Sodium complex thickener
- Thermal and oxidation stability at high temperatures enables long relubrication intervals

### Orelube HT 600



- 100% Synthetic Ester high temperature grease for use at operating temperatures above 400 F (204 C)
- EP and wear preventive properties
- Fortified with PTFE solid lubricant
- Inorganic thickener
- Thermal and oxidation stability at high temperatures enables long relubrication intervals

### Orelube ELCG



- 100% Synthetic electrical conductive grease containing a high concentration of electrically conductive solids dispersed in a special synthetic base fluid

**ORELUBE SYNTHETIC LUBRICANTS****Orelube HT 600 M**

- 100% Synthetic Ester high temperature grease for use at operating temperatures above 400 F (204 C)
- EP and wear preventive properties
- Fortified with Molybdenum disulfide and PTFE solid lubricants
- Inorganic thickener
- Thermal and oxidation stability at high temperatures enables long relubrication intervals

**Orelube Trident 88**

- 100% Synthetic PAO Aluminum complex grease
- Superior low temperature lubrication
- Synthesized organic molybdenum compound for antifriction and wear preventive properties
- Superior water resistance
- High dropping point
- Mechanical (shear) stability

**Orelube HT-707**

- 100% Synthetic Ester non-melt Organoclay grease for use over a wide operating temperature range
- Will not drip or run out at continuous elevated temperatures or speeds
- Thermal and oxidation stability at high operating temperatures enables long relubrication intervals
- Wear preventive properties

**Orelube 770 PFPE**

- PTFE thickened, high viscosity Perfluoropolyether grease developed for severe service applications where good film strength is needed at high temperatures, and/or fuel or chemical resistance is required
- Ultra-long life, continuous operating temperature range -20 to 250 C (-4 to 500 F)

**ORELUBE SPECIALTY PRODUCTS****Orelube RS-2**

- Super-concentrated antiwear engine oil treatment formulated to add extra-protective additives into engine oil providing maximum engine protection and efficiency

**Orelube Diesel Fuel Conditioner AD 7 Plus Cetane**

- Provides easier starting and better fuel economy
- In poor quality fuels with high levels of sulfur or fuels refined from naphthenic crude, the cetane number is low
- Cetane improver additive will provide a minimum increase of 4 to 7 cetane numbers in fuels, vastly improving fuel combustion
- The reduction in smoke thereby reduces hydrocarbon, particulate and CO2 emissions resulting in a clearer environment
- The AD 7 detergent additive is designed to clean dirty fuel injectors, which is a cause of engine smoke. As the injectors are cleaned, the fuel spray pattern is improved which results in better fuel combustion and less engine smoke
- Carbon buildup on rings, valves and plugs is drastically reduced, and better fuel atomization provides more power generated per gallon of fuel

**Orelube Hydraulic XTRA**

- Industrial oil concentrate combining different additives designed to improve the performance of oil-lubricated industrial equipment
- Extra-lubrication protection and performance is obtained when added to conventional industrial oils

For more detailed product information refer to individual product data sheets and SDS

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