



# NYCO

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**Synthetic Lubricants**  
**Worldwide Partner**



# Who is NYCO ?

- 40 years experience in Esters & Synthetic Lubricants
- 100% French privately-owned company
- Head office in Paris – Champs Elysées
- R&D laboratory in Conflans (near Paris)
- New production facility in Belgium
- Total staff : 120
- 35 M€ turnover, 80% export > 70 countries
- Two business lines:
  - Aviation and Military
  - Automotive and Industry

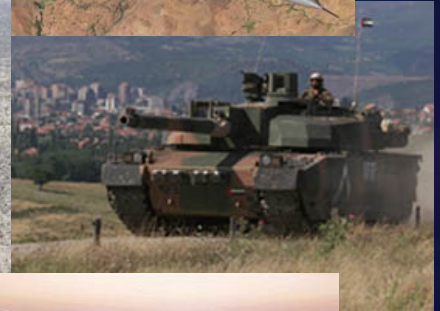






# Aviation & Military

- Formulated lubricants sold in the military segment
- Full range of military approved lubricants
- Fully formulated lubricants sold to the civil aviation





# Automotive & Industry



- Full range of synthetic base fluids (esters) sold to the Oil Companies and Lubricants Producers
- Formulated lubricants developed for Oil Companies and Lubricants Producers





# NYCO



- We conceptualise
- We develop
- We produce
- We control
- We market

**ESTERS**

**SYNTHETIC LUBRICANTS**

**ISO 9001  
Certified**



# NYCO strengths

- 100% dedicated to Advance Lubrication Technologies based on esters
- (very wide esters database, application know-how, additive components knowledge, highly specialised development lab ...)
- **Highly flexible** (large & medium size reactors, free from raw material linkage ...)
- Customised esters and lubricants for customers
- Complete service, up to customer's packaging
- Independent from any group





# NYCO R&D capabilities

- Efficient R&D laboratory in France
  - Skilled people with technical know-how in various applications (40 years experience in Aviation Lube)
  - Specific equipments for lubricant evaluation, testing and analysis
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- GG309: a proprietary anti-oxidant with superior performance level. Developed by Nyco specifically for the new HTS generation of turbine oils .



# 100% Ester Tech dedicated

## *Esters for Aviation & Military businesses*

Diesters  
Polyol esters  
Complex esters

## *Esters for Industry businesses*

Monoesters  
Diesters  
Polyol esters  
Complex esters  
Polyesters





# Automotive & Industry Dpt. Some developments...

- 2-Stroke biodegradable engine oils based on Complex esters
- Racing engine oils
- Shock absorber & Fork oils
  
- New refrigeration compressor fluids compatible with Cl-free coolants
- Fully synthetic air compressor oils
- Biodegradable & HFDU type hydraulic fluids
- Papermill full-synthetic circulating oil based on hydrocracked and high viscosity complex esters
- Biodegradable fire resistant transformer fluids
- ...



# NYCO Brand names

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## Aviation business

**Turbonycoil** : Gas Turbine oils

**Hydraunycoil** : Hydraulic oils

**Nycogrease** : Greases

**Nycolube** : Lubricants

**Nycoprotec** : Anti-corrosion

**Nycosol** : Solvents

## Industrial business

**Nycobase** : Synthetic esters

**Nycolube** : Lubricants

**Hydraunycoil** : Hydraulic oils

**Nycoflex** : Plasticizers





# Main customers

## ■ Aviation & Military Products

- 40 civil airlines
- 70 armies
- Aeronautic Industry (Dassault, Snecma group, Airbus, Eurocopter, BF Goodrich, MTU, ...)

## ■ Automotive & Industrial Products

- Major Oil Companies (Shell, Total, BP Castrol, ...)
- Independent Lubricant Manufacturers



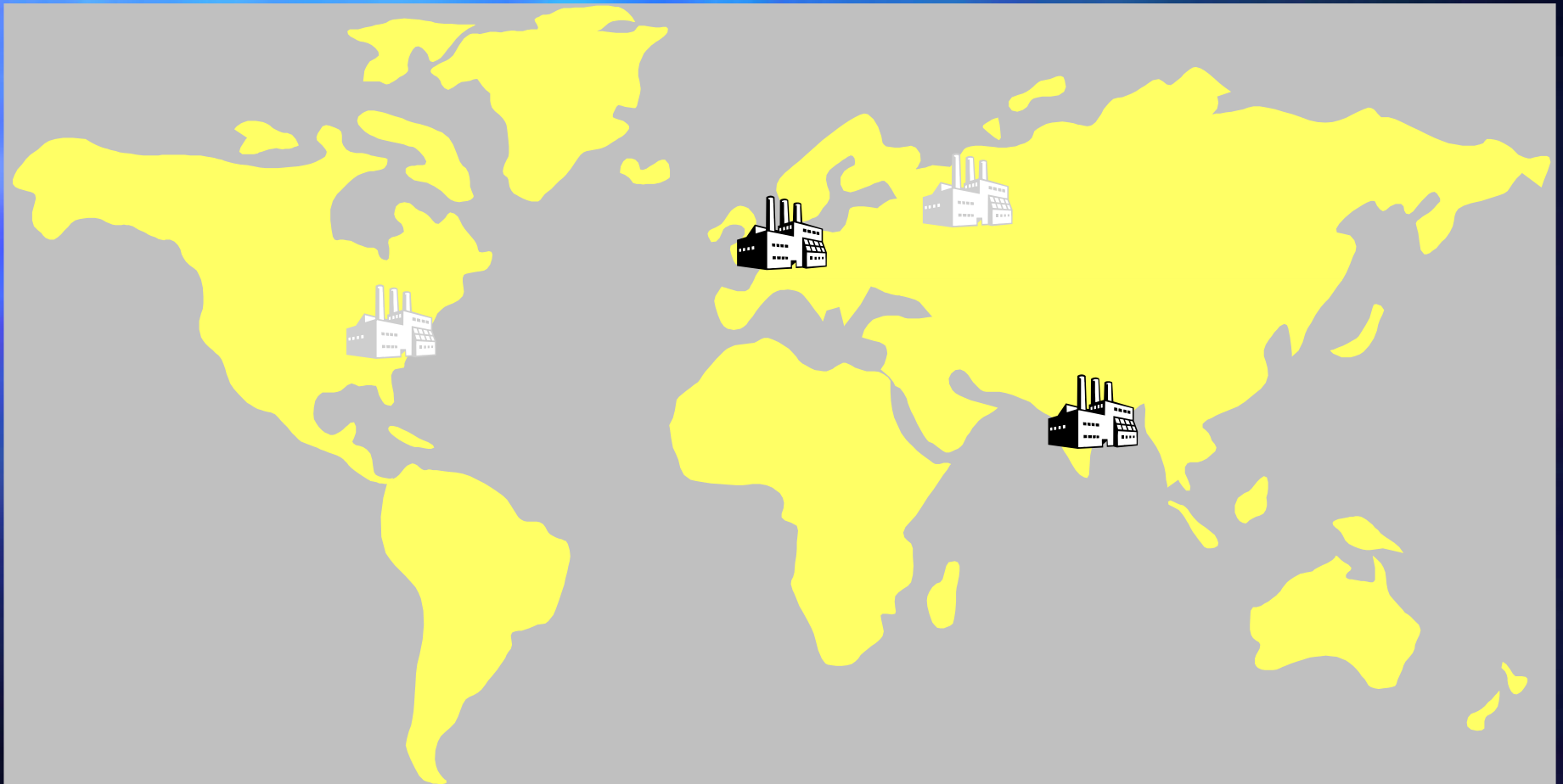
# NYCO Standard Packaging







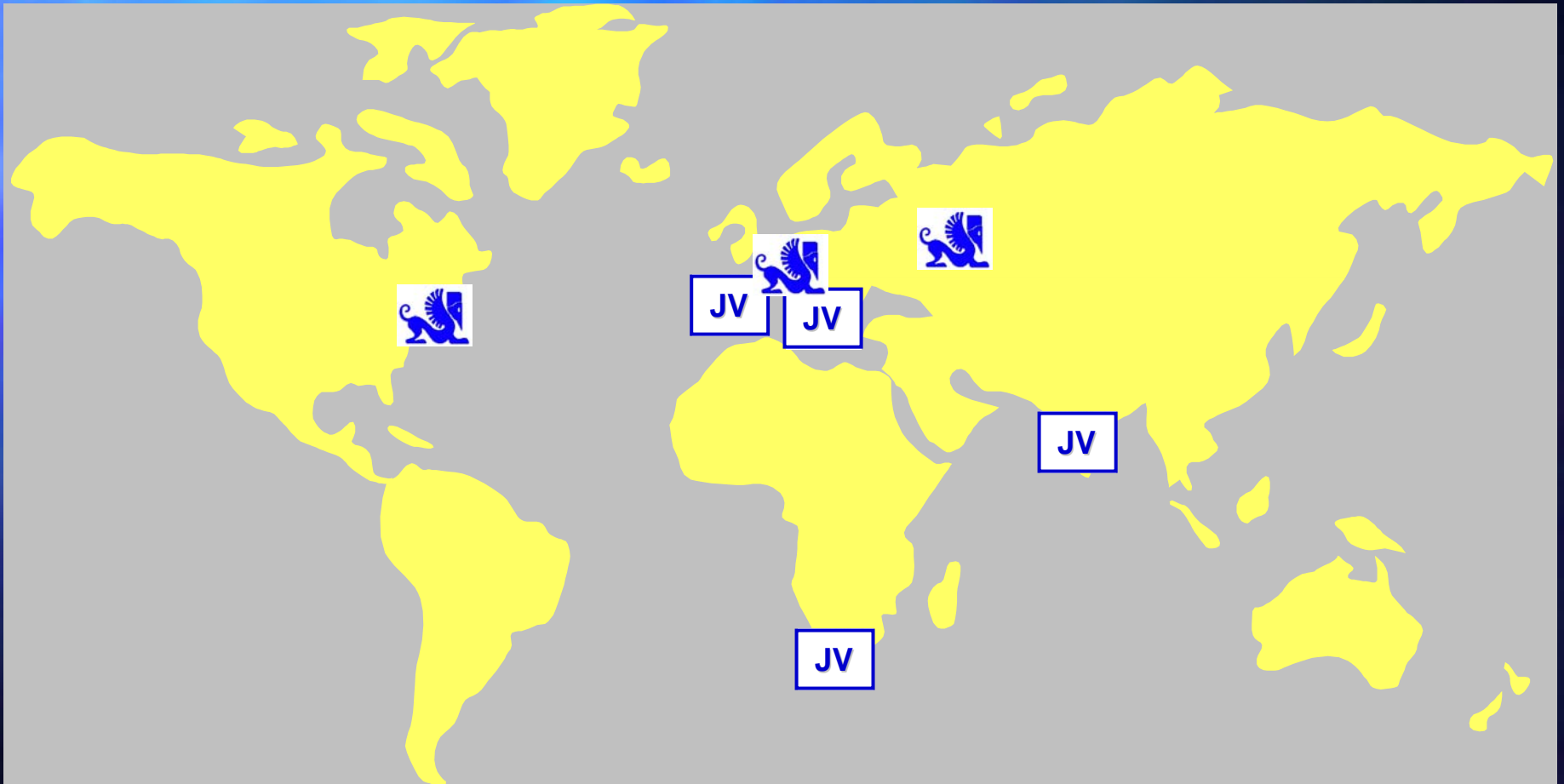
# NYCO PRODUCTION PLANTS



Head Office : NYCO S.A. 66, Avenue des Champs Elysées - 75008 PARIS



# NYCO SALES ORGANISATION



Direct sales or sales through Distributors in other Countries