



# NYCO

AERONAUTICS & DEFENCE

## HELICOPTER SOLUTIONS

LUBRICANTS FOR ENGINES, POWER TRANSMISSIONS,  
LANDING GEARS & WHEELS



### ENGINE OILS

TURBONYCOIL® 600  
TURBONYCOIL® 699

### TRANSMISSION OILS

NYCOLUBE® 3525  
NYCOLUBE® 64

### HYDRAULIC FLUIDS

HYDRAUNYCOIL® FH 2  
HYDRAUNYCOIL® FH 51  
HYDRAUNYCOIL® FH 42

### GREASES

NYCO GREASE® GN 10  
NYCO GREASE® GN 46  
NYCO GREASE® GN 25013  
NYCO GREASE® GN 22

For a complete list of NYCO range of solutions, refer to our products catalogue for Aeronautics & Defence or visit [www.nyco-group.com](http://www.nyco-group.com)



## ENGINE OILS

### TURBONYCOIL® 600

Approved SAE AMS5780 SPC, MIL-PRF-23699 G STD - NATO CODE O-156

NYCO's reference in SPC/STD synthetic aviation turbine oil approved by all major engine manufacturers.

- Varnish and coking protection with proven engine cleanliness;
- Longer oil lifespan thanks to superior oxidation resistance;
- Prevention of seal degradation due to great elastomer compatibility.

**40+** years of experience in jet engines of military and commercial aircraft.



### TURBONYCOIL® 699

Approved DEF STAN 91-100 Iss.3 - NATO CODE O-160

Jet oil with improved Extreme Pressure performance for use on engines and gearbox (5cSt at 100°C).

Recommended for helicopter gearboxes exposed to both high loads and high temperature for long periods of time. Can be used on engines and gearboxes at the same time.

## HYDRAULIC FLUIDS

### HYDRAUNYCOIL® FH 2

Approved MIL-PRF-83282 D - NATO CODE H-537

The synthetic helicopter fluid for flight controls.

- Fire hazard reduced due to its high flash point, fire point and autoignition temperature;
- First fill fluid for Airbus Helicopters.

### HYDRAUNYCOIL® FH 51

Approved MIL-PRF-5606 J, DCSEA 415/A, DEF STAN 91-48 Iss. 2 - NATO CODE H-515

The original NYCO hydraulic fluid used on all types of aircraft.

A reliable and economic solution. Used as shock strut fluid for many aircraft and helicopter landing gears (NH-90, AH-64, CH-47, FALCON, etc.).

### HYDRAUNYCOIL® FH 42

Approved MIL-PRF-87257 D - NATO CODE H-538

The latest generation of hydraulic fluids for helicopters.

Among several improvements, HYDRAUNYCOIL® FH 42 brings outstanding fluidity at very low temperatures.



## TRANSMISSION OILS

Gearbox transmission oils with excellent Extreme Pressure performances.

### NYCOLUBE® 3525

Approved MIL-PRF-6086 F GRADE M - NATO CODE O-155

Indicated for heavily loaded helicopters operating in temperate and hot environments (9 cSt at 100°C).

### NYCOLUBE® 64

Approved MIL-PRF-6086 F GRADE L - NATO CODE O-153

Used as gearboxes transmission oil for a large range of helicopters operating in cold environment (5 cSt at 100°C).

## GREASES

### NYCO GREASE® GN 10

Approved MIL-PRF-23827 C Type I, DCSEA 354/B - NATO CODE G-354

Synthetic grease thickened with lithium soap approved for all major applications

- Multipurpose airframe grease (actuators, doors, landing gear, etc.);
- Wide range of temperature: from -73°C to +121°C.



### NYCO GREASE® GN 46

Approved MIL-G-25537 C, DCSEA 366/A - NATO CODE G-366

Mineral aircraft grease for oscillating bearings: main and tail rotor.

### NYCO GREASE® GN 25013

Approved MIL-G-25013 E - NATO CODE G-372

Greases for severe load applications: wheels, fasteners, tie bolts, etc.

Silicone grease thickened with PTFE for an optimum friction coefficient. Good performance in corrosive environments.

### NYCO GREASE® GN 22

Approved MIL-PRF 81322 G, DSEO 395/D - NATO CODE G-395

Multipurpose synthetic clay-based grease with excellent anti-wear performance approved for wheel bearings applications of most of civil and military aircrafts and helicopters. Approved in main and tail rotor of helicopter.

For more information, contact your local representative or visit [www.nyco-group.com](http://www.nyco-group.com)



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