

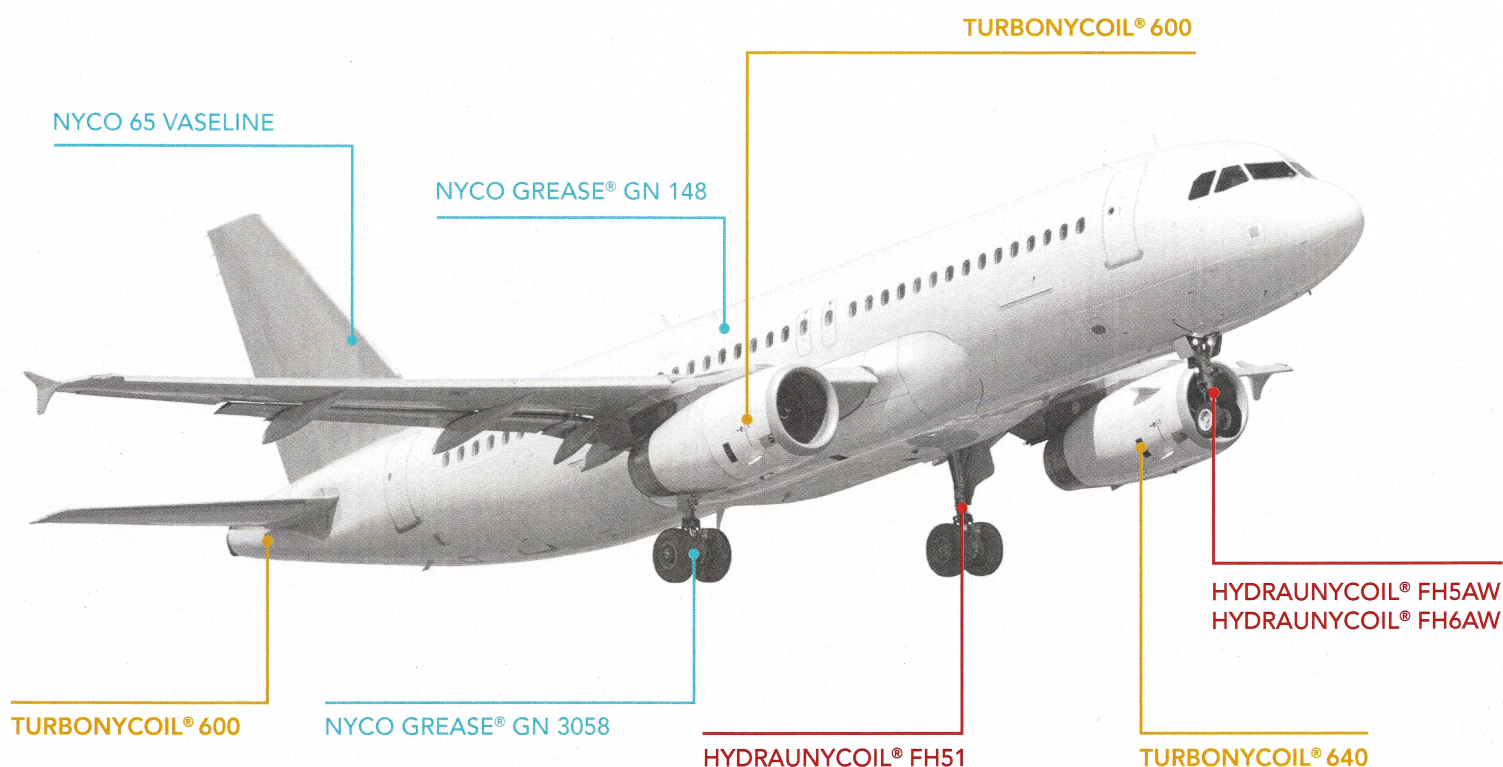


NYCO

AERONAUTICS & DEFENCE

AIRBUS A320 CEO & NEO FAMILY SOLUTIONS

HIGH PERFORMANCE & WIDE RANGE LUBRICANTS



For a complete list of NYCO range of solutions, refer to our products catalogue for Aeronautics & Defence or visit www.nyco-group.com

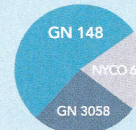
NYCO is a global leader in the development of **synthetic esters and specialty lubricants** tailored for defence and aeronautical applications. With more than 60 years field experience, **NYCO has become an invaluable partner for Armed Forces, Airlines, OEMs, MROs and Aero derivative Gas Turbine users worldwide.**



4.2 million flight hours/ year
with **TURBONYCOIL® 600**



+1000 A320 aircrafts flying with
TURBONYCOIL® 600 worldwide



3 greases for **85%** tasks on
A320

ENGINE OILS

TURBONYCOIL®
TN 600
TN 640

TURBONYCOIL® 600 is NYCO's reference in STD/SPC synthetic aviation turbine oil, approved by all major engine manufacturers.

It is a standard lubricating oil based on high thermal stable polyol esters, and fortified with carefully selected antioxidant, antiwear and anti-corrosion additives.

TURBONYCOIL® 640 is a HTS/HPC lubricating oil with a viscosity of 5 cSt at 100°C. Fortified with an original in-house selected antioxidant, it is tailor-made to address requirements regarding low coking propensity, high resistance to oxidation, thermal degradation and elastomer compatibility.



SHOCK STRUT FLUIDS

HYDRAUNYCOIL®
FH 51, FH 42,
FH 5AW,
FH 6AW

A complete range of shock absorber fluids for landing gears used on all types of aircraft.

HYDRAUNYCOIL® FH 5AW, FH 6AW: high performance mineral fluids used on all types of aircraft, compatible with Airbus and Boeing fleets (BMS 3-32 Types I & II).

HYDRAUNYCOIL® FH 51: mineral shock strut fluid with improved fluid lubricity, outstanding friction coefficient and extreme pressure properties.

HYDRAUNYCOIL® FH 42: the latest technology of synthetic shock strut fluid, for new platforms; reliable and available.

HYDRAUNYCOIL® is the factory fill fluid for Safran Landing Systems.



GREASES

NYCO GREASE®
GN 148
GN 3058

NYCO GREASE® GN 148 is a NLGI 2 Grade, multipurpose aircraft grease, based on a blend of synthetic diester oils and synthetic hydrocarbon base stock and thickened with a complex lithium soap. It is fortified with anticorrosion, antioxidant and strong extreme pressure and anti-wear additives.



NYCO GREASE® GN 3058 is a white lithium complex thickened synthetic grease designed to operate in humid environment. It delivers outstanding performances in four key properties for applications such as wheel bearings, propeller bearings and highly loaded landing gear areas: the base oil viscosity, the load wear index, the resistance to water washout and the oil separation.



Turbine oils	SPECIFICATIONS	NATO CODE	ENGINE OIL	A320 ENGINES	A320 APU	A320 IDGs	AIRBUS APPLICATION
	SAE-AS 5780 Class SPC DCSEA 299/A MIL-PRF-23699 G Class STD DEF STAN 91-101 Iss. 3 / OX-27 OX-28	O-156	TURBONYCOIL® 600	IAE V2500: SB ENG-79-0108 CFM 56: SB79-0001 LEAP-1A: SB LEAP-1A-79-00-0001-00A-930A-D PW1100G: SB PW1100G-D-79-00-0002-00A-930A-D	GTCP 131-9A: SB 49-7933 GTCP 36-300: SB 49-7933 APS3200: SIL 408	Collins: SPM 24-10-00	03ABA1
	SAE-AS 5780 Class HPC MIL-PRF-23699 G Class HTS	O-154	TURBONYCOIL® 640			Collins: ECM X24ME1920874	
	MIL-PRF-7808 L Grade 3 MIL-PRF-6081 E Grade 1010 AIR 3516/A (obs) DCSEA 235/A	O-148 O-133	TURBONYCOIL® 160 TURBONYCOIL® 3516		APS3200: SIL 408		03ABB1 03BEB1
Hydraulic fluids	SPECIFICATIONS	NATO CODE	HYDRAULIC FLUIDS	LANDING GEAR	AIRBUS APPLICATION		
	MIL-PRF-5606 J DCSEA 415/A DEF STAN 91-48 Iss. 2 / OM-15	H-515	HYDRAUNYCOIL® FH 51		02BBB9		
	MIL-PRF-6083 G DCSEA 535/A (obs) DEF STAN 80-142 Iss.2 / PX-26	C-635	HYDRAUNYCOIL® FH 6		02BBB9		
	BMS 3-32 C Type II SAE AIR 5358 BMS 3-32 C Type I		HYDRAUNYCOIL® FH 5 AW HYDRAUNYCOIL® FH 6 AW	Safran Landing Systems: SL A1320-A4 Safran Landing Systems: SL A1320-A4	02CBB1 / 02BBB9 02CCC1		
Greases & Lubes	SPECIFICATIONS	NATO CODE	GREASES	WHEELS	AIRBUS APPLICATION		
	AIMS 09-06-003 SAE-AMS-3058 MIL-PRF-81322 G DEF STAN 91-52 Iss. 1 / XG-293 DCSEA 395/C (ex AIR 4222)	G-395	NYCO GREASE® GN 3058 NYCO GREASE® GN 22	Safran Landing Systems: SL C20195-32-3454 Collins*: SL 2285	03GCC1 03GBB1		
	SAE-AMS-2518 D AIR 4247/A Iss.2 DEF STAN 80-80 Iss.2 / ZX-13	S-720	NYCO GREASE® GN GA 47	Safran Landing Systems: CMM C20195162	03LBB1		
	SAE-AMS-G-4343	G-392	NYCO GREASE® GN 4343	Safran Landing Systems: CMM C20195162	03JCA9		
	VV-P-236 A AIR 3565/A	S-743	NYCO 65 VASELINE	Safran Landing Systems: CMM C20195162	03FAB1		
	MIL-PRF-83483 E		NYCO 83483	Safran Landing Systems: CMM C20195162	03PBC1		
	AIMS 09-06-002 BMS 3-33 C SAE-AMS-3052 MIL-PRF-23827 C Type I MIL-G-7711 A (obs) MIL-PRF-24139 A DEF STAN 91-12 Iss. 1 / XG-271 DCSEA 382/A (ex AIR 4215)	G-354 G-382	NYCO GREASE® GN 148 NYCO GREASE® GN 15		03GBC1 / 03GBD1 / 03HBC1 / 03HBD9 03FBG1		
	MIL-G-21164 D DCSEA 353/B (ex DCSEA 353/A)	G-353	NYCO GREASE® GN 17		03HBE1		
	MIL-G-25013 E XG-300	G-372	NYCO GREASE® GN 25013		03JDA1		
	Eq. to MIL-DTL-25681 E	S-1735	NYCOLUBE® 25681		03QBC1		
	DCSEA 355/A (ex AIR 4206)	G-355	NYCO GREASE® GN 06		03FBC1		
	MIL-G-25760 A (obs) DCSEA 361/B (ex AIR 4207)	G-361	NYCO GREASE® GN 07		03GGA9		
	MIL-G-25537 C Amd1 DEF STAN 91-51 Iss.2 / ZX-284	G-366	NYCO GREASE® GN 46		03FDG1		
	SAE-AMS-G-6032 A Type I DCSEA 363/B DEF STAN 91-6 Iss. 4 / XG-235	G-363	NYCO GREASE® GN HC		03KBB1		
	MIL-PRF-6085 E AIR 3511/A DEF STAN 91-49 Iss.1 / OX-14	O-147	NYCOLUBE® 11B		03AGB1		
	MIL-PRF-78 70 E DEF STAN 91-47 Iss.1 / OM-12	O-142	NYCOLUBE® 7870		03BBB1 / 03BDB9		

* Please contact NYCO team for further information