



**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](http://www.nyco-group.com)

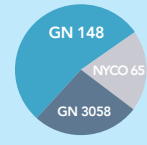
NYCO is a global leader in the development of **synthetic esters and specialty lubricants** tailored for defence and aeronautical applications. With more than 60 years field experience, **NYCO has become an invaluable partner for Armed Forces, Airlines, OEMs, MROs and Aero derivative Gas Turbine users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



	SPECIFICATIONS	NATO CODE	ENGINE OIL	A320 ENGINES	A320 APU	A320 IDGs	AIRBUS APPLICATION
Turbine oils	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	<b>TURBONYCOIL® 600</b>	IAE V2500: SB ENG-79-0108 CFM 56: SB79-0001 LEAP-1A: SB LEAP-1A-79-00-0001-00A-930A-D PW1100G: SB PW1000G-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	<b>TURBONYCOIL® 640</b>			Collins: ECM X24ME1920874	
	MIL-PRF-7808 L Grade 3	O-148	<b>TURBONYCOIL® 160</b>		APS3200: SIL 408		03ABB1
	MIL-PRF-6081 E Grade 1010   AIR 3516/A (obs)   DCSEA 235/A	O-133	<b>TURBONYCOIL® 3516</b>				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	<b>HYDRAUNYCOIL® FH 51</b>				02BBB9
	MIL-PRF-6083 G   DCSEA 535/A (obs) DEF STAN 80-142 Iss.2 / PX-26	C-635	<b>HYDRAUNYCOIL® FH 6</b>				02BBB9
	BMS 3-32 C Type II   SAE AIR 5358		<b>HYDRAUNYCOIL® FH 5 AW</b> <b>HYDRAUNYCOIL® FH 6 AW</b>	Safran Landing Systems: SL A1320-A4			02CBB1 / 02BBB9
BMS 3-32 C Type I			Safran Landing Systems: SL A1320-A4			02CCC1	
Greases & Lubes	SPECIFICATIONS	NATO CODE	GREASES	WHEELS	AIRBUS APPLICATION		
	AIMS 09-06-003   SAE-AMS-3058		<b>NYCO GREASE® GN 3058</b>	Safran Landing Systems: SL C20195-32-3454 Collins*: SL 2285			03GCC1
	MIL-PRF-81322 G DEF STAN 91-52 Iss. 1 / XG-293 DCSEA 395/C (ex AIR 4222)	G-395	<b>NYCO GREASE® GN 22</b>	Safran Landing Systems: CMM C20195162			03GBB1
	SAE-AMS-2518 D   AIR 4247/A Iss.2 DEF STAN 80-80 Iss.2 / ZX-13	S-720	<b>NYCO GREASE® GN GA 47</b>	Safran Landing Systems: CMM C20195162			03LBB1
	SAE-AMS-G-4343	G-392	<b>NYCO GREASE® GN 4343</b>	Safran Landing Systems: CMM C20195162			03JCA9
	VV-P-236 A   AIR 3565/A	S-743	<b>NYCO 65 VASELINE</b>	Safran Landing Systems: CMM C20195162			03FAB1
	MIL-PRF-83483 E		<b>NYCO 83483</b>	Safran Landing Systems: CMM C20195162			03PBC1
	AIMS 09-06-002   BMS 3-33 C SAE-AMS-3052   MIL-PRF-23827 C Type I	G-354	<b>NYCO GREASE® GN 148</b>				03GBC1 / 03GBD1 / 03HBC1 / 03HBD9
	MIL-G-7711 A (obs)   MIL-PRF-24139 A DEF STAN 91-12 Iss. 1 / XG-271 DCSEA 382/A (ex AIR 4215)	G-382	<b>NYCO GREASE® GN 15</b>				03FBG1
	MIL-G-21164 D DCSEA 353/B (ex DCSEA 353/A)	G-353	<b>NYCO GREASE® GN 17</b>				03HBE1
	MIL-G-25013 E   XG-300	G-372	<b>NYCO GREASE® GN 25013</b>				03JDA1
	Eq. to MIL-DTL-25681 E	S-1735	<b>NYCOLUBE® 25681</b>				03QBC1
	DCSEA 355/A (ex AIR 4206)	G-355	<b>NYCO GREASE® GN 06</b>				03FBC1
	MIL-G-25760 A (obs) DCSEA 361/B (ex AIR 4207)	G-361	<b>NYCO GREASE® GN 07</b>				03GGA9
	MIL-G-25537 C Amd1 DEF STAN 91-51 Iss.2 / ZX-284	G-366	<b>NYCO GREASE® GN 46</b>				03FDG1
	SAE-AMS-G-6032 A Type I   DCSEA 363/B DEF STAN 91-6 Iss. 4 / XG-235	G-363	<b>NYCO GREASE® GN HC</b>				03KBB1
	MIL-PRF-6085 E   AIR 3511/A DEF STAN 91-49 Iss.1 / OX-14	O-147	<b>NYCOLUBE® 11B</b>				03AGB1
MIL-PRF-78 70 E DEF STAN 91-47 Iss.1 / OM-12	O-142	<b>NYCOLUBE® 7870</b>				03BBB1 / 03BDB9	

\* Please contact NYCO team for further information