



**SYNTHETIC GREASE, OIL & HYDROCARBON RESISTANT**

**NATO CODE G-363 – SAE-AMS-G-6032 Type 1**  
**DEF STAN 91-6 Iss. 4 – XG-235 – DCSEA 363/B**

**DESCRIPTION**

Nyco Grease GN HC is a grease based on a synthetic oil which is non miscible with hydrocarbons and/or polar solvents and thickened with a lithium soap.

**APPLICATIONS**

- Petroleum resistant
- Seal plug valves
- Components exposed to jet fuels
- Strong resistance to wash-out by Hydrocarbons/solvents
- Oil & Gas Industry (valves conveying hot crude oil or natural gas)
- Bearings



Characteristic	Unit	Typical Result	SAE-AMS-G6032 & DCSEA 363/2 Limit	Test method
- Appearance	-	Thick brown paste	Homogeneous paste-	visual
- Dropping point	°C	150	min. 140	ASTM D 566
- Unworked penetrability	1/10 mm	185	-	ASTM D 217
- Unworked penetrability, scale 1/4		43	20 to 72	ASTM D 1403
- Worked penetrability After 60 strokes	1/10 mm	275	200 to 325	ASTM D 217
- Resistance to fuel, solubility test	%w	3.3	max. 20	DCSEA 363/B or SAE-AMS-G6032
- Resistance to aqueous solution Distilled water Alcohol (methanol or ethanol) and distilled water	-	pass pass	pass pass	DCSEA 363/B or SAE-AMS-G6032
- Water washout at 38°C	%w	0.5	max. 10	ASTM D 1264
- Film stability and steel corrosion, 168 h at 100°C, after 8 h of immersion		pass	pass	DCSEA 363/B or SAE-AMS-G6032
- Copper corrosion, 24 h at 100°C	-	1a	max. 1b	ASTMD 4048

The values above are typical values. They do not constitute any contractual commitment. Sales specifications are available on request. The present technical data sheet replaces all the previous editions.

