



## GENERAL PURPOSE GREASE VEHICLES & ARMAMENTS

**NATO CODE G-414 – DCSEA 301/A**

### DESCRIPTION

NYCO GREASE GN 142 is a soap thickened petroleum grease for general purpose application. It is a water-resistant grease and it has a high load carrying capacity. It protects against corrosion.

### APPLICATION

NYCO GREASE GN 142 is intended for the lubrication of vehicles, armament and various equipment, including chassis, bearings, joints and axles...

The temperature range for service is -30°C to +130°C.



Characteristic	Unit	Typical Result	Limit	Test method
- Appearance	-	Homogeneous, light brown grease	report	Visual
- Dropping point	°C	194	min. 170	ASTM D 566
- Worked penetrability After 60 strokes After 100000 strokes, change After 100000 strokes, with 10% water, change	1/10 mm	280 +10 +25	250 to 290 -25 to +45 -10 to +45	ASTM D 217 FTM-S-791-313
- Copper corrosion, 24h at 100°C	-	1b	max. 2b	ASTM D 4048
- Oxidation stability at 100°C, after 100h / 500h	kPa	10 / 70	max. 35 / max 100	ASTM D 942
- Bearing corrosion test	rating	1	max. 1	ASTM D 1743
- Car wheel bearing test	g	4.5	max. 10	ASTM D 1263
- Water washout at 38°C	%w	2.0	max 10	ASTM D 1264
- Torque at -30°C (starting / 1h)	Nm	0.24 / 0.04	max 1.00 / max 0.20	ASTM D 1478
- Steel on steel wear, 1h at 392 N	mm	0.5	max. 0.70	ASTM D 2266
- Load carrying capacity (LWI)	daN	32.0	min. 30.0	ASTM D 2596

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.

