



## LUBRICATING OIL, BREECH BLOCK (FOR NAVAL ORDNANCE)

### GRADE A

**A-A-59137A Grade A – (ex- MIL-L-16785 Gr.A)**

#### DESCRIPTION

Nycolube 109 is a homogeneous blend of mineral base oil and castor oil. It conforms to type grade A for summer use as defined in the Military Specification.

#### APPLICATION

Nycolube 109 is intended for the lubrication, during summer period, of breech blocks in connection with guns used in naval ordnance.



Characteristic	Unit	Typical Result	Limit	Test method
- Appearance	-	slightly hazy brown oil	-	visual examination
- Density at 20°C	kg/dm <sup>3</sup>	0.895	-	ASTM D 4052
- Kinematic viscosity at 100°C at 40°C	mm <sup>2</sup> /s	8.5 75	- -	ASTM D 445
- Viscosity at 210 °F	SSU	55	50 – 60	ASTM D 445 & D 2161
- Pour point	°C	-30	max. 10°C	ASTM D 97
- Total acid number	mgKOH/g	0.7	-	ASTM D 664

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.

