



**BIODEGRADABLE SYNTHETIC OIL FOR 2 STROKE OUTBOARD ENGINES**  
**NATO CODE O-1177**

**DESCRIPTION**

Nycolube 210 is a high performance solvent free two stroke engine oil based on a complex ester and a package of ashless additives improving the lubricity and oxidation resistance.



**APPLICATIONS**

Nycolube 210 is intended for the lubrication of two stroke gasoline engines operating with unleaded regular fuels. It has to be used at the manufacturer's recommended fuel/oil ratio (up to 1/100).

Nycolube 210 has been qualified with the National Marine Manufacturers Association (NMMA) according to TC-W3 standard (approval No RL 91506H).

Although Nycolube 210 has been developed for water cooled two stroke engine, it can be used in air cooled 2-stroke engine as well, meeting the requirements of API TC+ standard. It has successfully passed the Husqvarna 266 engine test.

**ADVANTAGES**

- Excellent lubricity and detergency properties (engine cleanliness)
- Prolongs engine life
- Biodegradable
- Ashless
- Universal: non-outboard and outboard engines

**SPECIFICATIONS \* / OEM's & Airframers reference**

- Approved DCSEA 242/C
- Approved NMMA TC-W3
- Approved API TC+

\* **Approved:** The product has been approved by the relevant authority. The product is referenced on the applicable qualified product list.

CHARACTERISTIC	UNIT	TYPICAL RESULT	TEST METHOD
Appearance	-	Clear, bright and free from sediments and other impurities	Visual examination
Density at 20°C	kg/dm <sup>3</sup>	0.932	ISO 12185

CHARACTERISTIC	UNIT	TYPICAL RESULT	TEST METHOD
Kinematic Viscosity at 100°C 40°C	mm <sup>2</sup> /s	8.2 47	ISO 3104
Flash Point, COC	°C	258	ISO 2592
Pour Point	°C	-39	ISO 3016
Total Basic Number	mg KOH/g°C	3.83	ISO 3771
Dynamic Viscosity at -25°C	mPa-s	4170	ASTM D2983
Sulphated ash	%w	0.01	ISO 3987
Biodegradability	%w	62	OECD 301B

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.