

2-STROKE OUTBOARD ENGINE BIODEGRADABLE SYNTHETIC OIL

NMMA TC-W3® - API TC+
EUROPEAN ECOLABEL CERTIFIED, USDA BIOPREFERRED®

DESCRIPTION

NYCOLUBE 210 is a high performance, solvent free, biodegradable synthetic 2-stroke engine oil. NYCOLUBE 210 complies with European Ecolabel requirements (registration N° 03/01B with admission number FR/027/03) and has been awarded USDA BioPreferred certification.



APPLICATIONS

NYCOLUBE 210 is intended for the lubrication of 2-stroke gasoline engines operating with unleaded regular fuels. It has to be used at the manufacturer's recommended fuel/oil ratio (up to 2/100).

NYCOLUBE 210 has been qualified by the National Marine Manufacturers Association (NMMA) according to TC-W3® standard (approval n° RL 91506H). Although NYCOLUBE 210 has been developed for water-cooled 2-stroke engine, it may also be used in air-cooled 2-stroke engine, as it meets the requirements of API TC+. NYCOLUBE 210 was also tested successfully on a reference chainsaw engine.

TC-W3

ADVANTAGES

- Excellent lubricity and detergency properties: superior engine cleanliness
- Universal (non-outboard and outboard engines)
- Unique combination of high performance and low environmental impact



PROPERTIES	UNIT	TYPICAL RESULTS	TEST METHODS
Appearance	-	(1)	Visual examination
Density at 20°C	kg/dm ³	0.932	ISO 12185
Flash point, COC	°C	258	ISO 2592
Pour point	°C	-39	ISO 3016
Total Acid Number	mg KOH/g	0.12	ISO 6619
Total Base Number	mg KOH/g	3.83	ISO 3771
Kinematic viscosity at 100°C	mm ² /s	8.2	ISO 3104
40°C		47	
Sulphated ash - Mass fraction	%	0.01	ISO 3987
Renewable carbon content	%	65	Calculation
Biodegradability	%	62	OECD 301B

(1) Clear, free from sediments and other impurities, dark yellow to brown liquid. Available dyed in blue (210 B), green (210 G) or red (210 R).

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.