



TWO STROKE ENGINE OILS

ADDINOL SUPER MIX MZ 405

PRODUCT DESCRIPTION

ADDINOL Super Mix MZ 405 is a 2-stroke engine oil based on high-quality mineral oil raffinates and a powerful additive package.

APPLICATION

- Highly suited for air- and water-cooled two-stroke engines with mixed and separate lubrication (fresh oil automatic) exposed to heavy thermal loads, e.g. motor scooter, moped, passenger car and motor cycle.
- Excellent suitability for air-cooled two-stroke engines of small machinery, e.g. chain saws, lawn-mowers, hedge shears etc.
- Mixing ratio oil/fuel according to manufacturer instructions, at least 1 : 50.

SPECIFICATIONS / APPROVALS

Meets and exceeds the international specifications of:

- API TC
- JASO FB
- ISO-L-EGB

DELIVERY

Delivery preferable in tank cars, drums and small cans.

MIXING RATIO

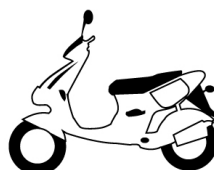
Fuel in litre	MZ 405 at specified mixing ratio in ml	
	1:30	1:50
5	167	100
10	333	200
20	667	400
30	1000	600
40	1333	800
50	1667	1000

CHARACTERISTICS

- Excellent cleaning capacity
- Very good protection against wear and corrosion
- Component for pre-mixing

ADVANTAGES AND BENEFITS

- High engine cleanliness
- Long engine lifetime
- Can be mixed with fuels of type normal and super without any problems





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SPECIFICATIONS AND TYPICAL PARAMETERS

Feature	Test conditions / unit		MZ 405	Method acc. to
Appearance			red, clear, free from contaminations	visual
JASO			FB	
ISO-classification			ISO-L-EGB	
API			TC	Laboratory and engine tests acc. to ASTM
Density	at 15°C	kg/m ³	878	DIN 51757
Viscosity	at 100°C	mm ² /s	8.3	ASTM D 7042
TBN		mg KOH / g	1.6	DIN ISO 3771
Flash point	PM	°C	min. 145	DIN EN 22719
Pour point		°C	max. -36	ASTM D 7346

ADDINOL - The Experts for High-Performance Lubricants

We at ADDINOL develop and produce more than 600 high-performance lubricants of the new generation. Among these are automotive lubricants for highest demands and pioneering developments for industrial applications. Our customers all over the world benefit from the high and stable quality of our ADDINOL high-performance lubricants, our know-how and the individual customer advisory service of our competent experts. Our company has world wide activities. ADDINOL high-performance lubricants are distributed by more than 90 international partners.

The data given in this product sheet represent our current level of knowledge and experience. Due to the various specific application they do, however, not discharge the user from his own examination. The information provided herein may not be used to derive a legally binding warranty of specific properties or the suitability for a certain purpose of application. Detailed security-concerning and toxicological data as well as security instructions for each product can be taken from the corresponding Material Safety Data Sheets (MSDS). High-performance lubricants from ADDINOL are under continuous development. Therefore, ADDINOL Lube Oil GmbH keeps the right to change technical data in this product data sheet without notification. In case of doubt, please do not hesitate to contact our customers' advisory service.