



ENGINE OILS

ADDINOL SUPER STAR MX 1547

PRODUCT DESCRIPTION

ADDINOL Super Star MX 1547 is a high-performance engine oil of SAE grade 15W-40 and is based on high-quality mineral oil raffinates.

The combination of selected additives ensures engine cleanliness, wear protection as well as a high thermal-oxidative resistance. This top product meets the requirements of today's high-performance gasoline and diesel engines.

APPLICATION

- Highly suitable for gasoline and diesel engines with modern construction designs, such as exhaust turbocharger or lean mix engines which make specific requirements on the engine oil.
- Excellent suitability for RME-operations (biodiesel). Consider the reduction of oil change intervals as formulated in the new regulations of the vehicle manufacturers.

SPECIFICATIONS / APPROVALS

Meets and exceeds the international specifications of:

- ACEA A3/B4
- API SL/CF

Complies with the requirements of:

- VW 501 01 / 505 00
- MB-approval 228.3
- MB-approval 229.1
- PSA B71 2295

DELIVERY

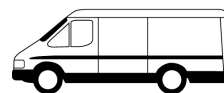
Delivery preferable in drums and small cans.

CHARACTERISTICS

- Very good viscosity-temperature behaviour and multi-grade characteristics
- Good cleaning capacity
- Excellent protection against wear
- Best thermal-oxidative stability
- Very good elastomer compatibility

ADVANTAGES AND BENEFITS

- Usage all the year round
- Outstanding engine cleanliness
- Long engine lifetime
- Long oil lifetime
- Improved protection against leakages





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SPECIFICATIONS AND TYPICAL PARAMETERS

Feature	Test conditions / unit		Super Star MX 1547	Method acc. to
Appearance			clear, free from contaminations	visual
SAE-grade	J 300		15W-40	ASTM
ACEA			A3/B4	Laboratory and engine tests acc. to ASTM and CEC
API			SL/CF	
Density	at 15°C	kg/m ³	866	DIN 51757
Viscosity	at 100°C	mm ² /s	14.58	ASTM D 7042
Viscosity index			158	DIN ISO 2909
HTHS-Viscosity	at 150°C	mPa*s	≥ 3.5	ASTM D 4683
TBN		mg KOH / g	11.6	DIN ISO 3771
Flash point	COC	°C	min. 235	DIN EN ISO 2592
Pour point		°C	max. -41	DIN ISO 3016
Pumpability		°C	down to -25	ASTM D 4684

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.