



ENGINE OILS

ADDINOL SUPERIOR 040

PRODUCT DESCRIPTION

ADDINOL Superior 040 is a fuel-efficient engine oil in SAE-grade 0W-40 based on fully synthetic oils and innovative additives.

That ideal combination guarantees an outstanding performance and ensures an excellent cold start behaviour at low temperatures.

APPLICATION

- Excellent suitability for a wide range of modern and powerful passenger cars and transporters with gasoline or diesel engines
- Perfectly fit for vehicles with or without turbo-charger, multi-valve technology, catalytic converters and / or direct injection
- Especially recommended for cold climates

DELIVERY

Delivery preferable in drums and small cans.

CHARACTERISTICS

- Outstanding cold start behaviour
- Excellent cleaning effect
- Powerful additivation
- Excellent wear protection
- Fuel-efficient characteristics
- Low evaporation losses

SPECIFICATIONS / APPROVALS

Meets and exceeds the international specifications of:

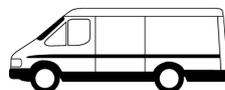
- ACEA A3/B4
- API SN/CF

Complies with the requirements of:

- MB-approval 229.3
- MB-approval 229.5
- VW 502 00 / 505 00
- BMW Longlife-01
- Renault RN0700/RN0710
- Ford WSS-M2C 937-A

ADVANTAGES AND BENEFITS

- Minimal cold start wear due to the outstanding flowability at low temperatures
- Best engine cleanliness ensures a long lifetime of all components to be lubricated
- Highest performance in the High SAPS level
- Maximum protection and long lifetime of the engine
- Excellent fuel saving potential
- Reduction of the oil consumption





ADDINOL SUPERIOR 040

SPECIFICATIONS AND TYPICAL PARAMETERS

Feature	Test condition / unit		Superior 040	Method acc. to
Appearance			clear, free from contaminations	visual
SAE-grade	J 300		0W-40	ASTM
ACEA			A3/B4	Laboratory and engine tests acc. to ASTM and CEC
API			SN/CF	
Density	at 15°C	kg/m ³	844	DIN 51757
Viscosity	at 100°C	mm ² /s	13.6	ASTM D 7042
Viscosity index			175	DIN ISO 2909
HTHS-Viscosity	at 150°C	mPa*s	≥ 3.5	ASTM D 4683
TBN		mg KOH / g	10.3	DIN ISO 3771
Flash point	COC	°C	min. 230	DIN EN ISO 2592
Pour point		°C	max. -55	ASTM D 7346
Pumpability		°C	down to -40	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.