



## ENGINE OILS

# ADDINOL PREMIUM 0540 C3

### PRODUCT DESCRIPTION

ADDINOL Premium 0540 C3 is a high-performance fuel-efficient engine oil with Longlife characteristics of SAE-grade 5W-40.

It is based on high-quality synthetic base oils of the latest technology and a selected combination of additives, thus assuring engine cleanliness, an excellent dispersant effect, corrosion and wear protection performance as well as the thermal-oxidative stability corresponding to the relevant performance level.

### APPLICATION

- This Mid SAPS oil was especially developed for modern passenger cars with gasoline and diesel engines
- Particularly applicable for passenger cars with Longlife service
- Outstanding suitability for operating conditions, where standard engine oils fail
- Excellent suitability for engines operated with natural gas (CNG) and liquefied petroleum gas (LPG)

### SPECIFICATIONS / APPROVALS

Meets and exceeds the international specifications of:

- API SN / CF
- ACEA C3

Complies with the requirements according to:

- FIAT 9.55535-S2/-D3
- BMW Longlife-04
- MB-Approval 229.31
- MB-Approval 229.51
- VW 505 00/505 01
- dexos2
- Porsche A40
- Ford WSS-M2C-917-A

### DELIVERY

Delivery preferable in drums and 4 litre cans.

### CHARACTERISTICS

- Excellent behaviour under low temperature conditions
- Very good dispersant behaviour
- Outstanding wear protection
- Optimum viscosity for all driving conditions
- Very good elastomer compatibility
- Reduced emissions caused by the lubricant

### ADVANTAGES AND BENEFITS

- Outstanding cold-start performance, fuel and oil saving
- Excellent engine cleanliness
- Prevents sludge formation
- Long engine lifetime
- Stable lubricating film for all operating conditions
- Improved protection against leakages
- Outstanding environmental behaviour





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## SPECIFICATIONS AND TYPICAL PARAMETERS

Feature	Test conditions / unit		Premium 0540 C3	Method acc. to
Appearance			clear, free from contaminations	visual
SAE-grade	J 300		5W-40	ASTM
API			SN / CF	Laboratory and engine tests acc. to ASTM and CEC
ACEA			C3	
Density	at 15°C	kg/m <sup>3</sup>	852	DIN 51757
Viscosity	at 100°C	mm <sup>2</sup> /s	14	ASTM D 7042
Viscosity index			179	DIN ISO 2909
HTHS-Viscosity	at 150°C	mPa*s	≥ 3.5	ASTM D 4683
TBN		mg KOH / g	7.2	DIN ISO 3771
Flash point	COC	°C	min. 230	DIN EN ISO 2592
Pour point		°C	max. -38	ASTM D 7346
Pumpability		°C	down to -35	ASTM D 4684
Sulphated ash		Ma-%	0.8	DIN 51575

### 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 120 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.