



ENGINE OILS

ADDINOL PREMIUM 020 FE

PRODUCT DESCRIPTION

ADDINOL Premium 020 FE is a fully-synthetic, fuel-efficient high-performance engine oil in SAE-grade 0W-20 with Longlife IV character and decreased HTHS viscosity.

The ideal combination of fully-synthetic base oils and highly efficient additives ensures an outstanding performance and convinces with highest fuel-efficiency.

APPLICATION

- Primarily developed for VW vehicles requiring an engine oil acc. to VW 508 00/509 00 in SAE-grade 0W-20:
 - 2.0 TFSI 140 kW
 - 3.0 TDI CR 160 kW

PLEASE NOTE

ADDINOL Premium 020 FE is not suitable for vehicles requiring VW 504 00/507 00.

SPECIFICATIONS / APPROVALS

Meets and exceeds the international specifications of:

- ACEA C5

Approved according to:

- VW 508 00/509 00

DELIVERY

Delivery preferable in small drums and small packaging.

CHARACTERISTICS

- Ideal combination of fully-synthetic base oils and highly efficient additives
- Extremely low viscosity
- Excellent low-temperature properties
- Outstanding cleaning capacity
- Longlife IV character

ADVANTAGES AND BENEFITS

- Excellent wear protection under varying drive conditions and temperatures
- Outstanding lubricity at all operating temperatures
- Reduces existing deposits and prevents the formation of new ones
- Fuel reduction of four percent (compared to a common 5W-30 engine oil)
- Outstanding flowability at low temperatures
- Minimum wear at cold starts
- High cleanliness of all lubricated components
- Extended oil change interval





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SPECIFICATIONS AND TYPICAL PARAMETERS

Feature	Test conditions / unit		Premium 020 FE	Method acc. to
Appearance			clear, free from contaminations	visual
Approvals			VW 508 00/509 00	OEM standards
SAE-grade	J 300		0W-20	ASTM
ACEA			C5	Laboratory and engine tests acc. to ASTM and CEC
Density	at 15°C	kg/m ³	836	DIN 51757
Viscosity	at 100°C	mm ² /s	8.2	ASTM D 7042
Viscosity index			178	DIN ISO 2909
HTHS-Viscosity	at 150°C	mPa*s	≥ 2.6	ASTM D 4683
TBN		mg KOH / g	8.3	DIN ISO 3771
Flash point	COC	°C	min. 200	DIN EN ISO 2592
Pour point		°C	max. -60	ASTM D 7346
Pumpability		°C	down to -40	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 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.