



## ENGINE OILS

# ADDINOL SEMI SYNTH 1040

### PRODUCT DESCRIPTION

ADDINOL Semi Synth 1040 is a fuel-saving, semi-synthetic fuel-economy oil in SAE-grade 10W-40.

The combination of high quality mineral oil raffinates and synthetic base oils with a modern additivation ensures an outstanding engine cleanliness as well as an excellent corrosion and wear protection.

### APPLICATION

- Highly suited for passenger cars and transporters with gasoline or diesel engines with regard to the instruction manual
- In particular for turbo engines, multi-valve technology, catalytic converters and common rail injection technology

### DELIVERY

Delivery preferable in drums and small cans.

### SPECIFICATIONS / APPROVALS

Meets and exceeds the international specifications of:

- ACEA A3/B4
- API SN

Approved according to:

- VW 501 01 / 505 00
- MB-Approval 229.1

Meets the requirements according to:

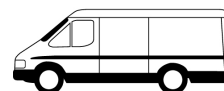
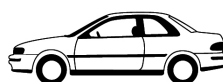
- Renault RN0700/RN0710

### CHARACTERISTICS

- Outstanding flowability at low temperatures
- Low evaporation loss
- Excellent wear protection properties
- Good dispersing ability
- Very good compatibility with elastomers
- Low emission caused by the lubricant

### ADVANTAGES AND BENEFITS

- Minimal cold-start wear due to the outstanding flowability at low temperatures
- Fuel- and oil-saving
- Maximum protection and long lifetime of the engine
- Very good cleaning effect guarantees a long lifetime of all components to be lubricated
- Improved protection against leakages
- Good environmental behaviour





# ADDINOL SEMI SYNTH 1040

## SPECIFICATIONS AND TYPICAL PARAMETERS

Feature	Test condition / unit		Semi Synth 1040	Method acc. to
Appearance			clear, without contaminations	visual
SAE grade	J 300		10W-40	ASTM
ACEA			A3/B4	Laboratory and engine tests acc. to ASTM and CEC
API			SN	
Approvals			VW 501 01 / 505 00 MB-Approval 229.1	OEM standards
Density	at 15°C	kg/m³	863	DIN 51757
Viscosity	at 100°C	mm²/s	13.3	ASTM D 7042
Viscosity index			163	DIN ISO 2909
HTHS-viscosity	at 150°C	mPa*s	≥ 3.5	ASTM D 4683
TBN		mg KOH / g	11	DIN ISO 3771
Flash point	COC	°C	min. 230	DIN EN ISO 2592
Pour point		°C	max. -39	ASTM D 7346
Pumpability		°C	down to -30	CEC L-32-A-87

### 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.