

# High-Efficiency **Lubricants**





## **ADDINOL Eco Craft**

for four-stroke marine diesel engines at medium speed

The lubricants of the ADDINOL Eco Craft series have been designed as fuel-saving High-Efficiency engine oils of SAE-grade 40 – tailored to the specific sulphur content of fuels used in operation.

#### **ADDINOL Eco Craft 4015**

highly suited for operations with MGO and MDO

#### **ADDINOL Eco Craft 4040**

with additional alkaline reserve especially for trunk piston engines operated with heavy fuel

# **ADDINOL Eco Craft High-Efficiency Engine Oils**

By combining carefully selected mineral base oils of high quality with state-of-the-art additive-technology the oils achieve:

Fuel savings of up to 7%

 $\rightarrow$  significant reduction of exhaust emissions

Highest thermal-oxidative stability

 $\rightarrow$  clearly extended operating lives

Reliable protection against wear and corrosion

→ long engine lifetimes

Superior load carrying capacity

→ stable lubricating film even under heavy loads

Lowest tendency to deposition and foaming

- → highest engine cleanliness
  - = More profit and maximum safety



#### **ADDINOL High-Efficiency lubricants offer significant added value**



ADDINOL is one of the few medium-sized companies of German mineral oil industry acting independently of any large business group and has worldwide distributor partners in more than 90 countries and on all continents. Our high-performance lubricants are design elements reflecting the most recent state-of-the-art. They are being developed and produced according to latest standards at the chemical site in Leuna in the heart of Germany.

ADDINOL high-performance lubricants guarantee best possible lubrication and ensure responsibility towards the environment at the same time. Many of our lubricants achieve significantly longer drain intervals compared to conventional products and increase the service life of the components lubricated.

Our high-efficiency lubricants have an enormous potential for the efficient utilisation of energy as well as reduction of energy consumption. They guarantee maximum reliability of operation and help reducing costs and conserving resources.

## Research & Development – defining our success for more than 75 years



Unique skills, experience and technologies of a lubricant manufacturer are of particular importance when it comes to research and development.

Innovations designed in our laboratory have direct impact on function and efficiency of the components to be lubricated. Quality and outstanding features of our high-performance lubricants stand for the success of our company – and have done so for more than 75 years.

The laboratory at our headquarters in Leuna is at the latest state-of-the-art. Under these optimum conditions our experts prove their know-how every day. Thanks to close cooperation with our applications advice service, internationally leading OEM and research institutes they are always up-to-date on future trends and technology.

### Full speed ahead with ADDINOL

Apart from the ground-breaking ADDINOL Eco Craft series for 4-stroke, medium-speed marine diesel engines we offer a comprehensive range of high-performance lubricants for onboard use:

- → engine oils for medium- and high-speed diesel engines
- → biodegradable/environment-friendly lubricants
- → lubricating greases, pastes and sprays

→ compressor oils

→ gear oils

→ turbine oils

→ hydraulic oils



HODINO