

# Alfadiesel Synth 40

## Product Description

ALFADIESEL Synth 40 is a synthetic diesel engine oil of supreme performance that addresses the needs of high power, distillate fueled diesel engines. It provides high performance lubrication including long drain and extended engine life for today's marine diesel engines operating in severe applications.

Due to its fully synthetic formulation, it is especially effective in extreme temperature applications, starting at low temperatures (-45°C), it provides outstanding start-up reliability and wear protection, whereas on very hot engine parts, it provides strong lubrication film.

## Performance Features

The use of ALFADIESEL Synth 40 minimizes high temperature deposit formation, bore polish, varnish and sludge build-up. It also extends oil drain and service periods and maintains effective oil film under severe operation and improves fuel economy.

ALFADIESEL Synth 40 is zinc free, low chlorine, technology lubricant.

## Application

For use as a crankcase lubricant in medium and high speed diesel engines in severe marine service. It is especially suited to the needs of high power concentration engines where thermal stress and loading on the lubricant are severe, as well as, for applications involving low-temperature and /or frequent start-up, rapid loading following rapid start-up, and abrupt shutdown after high speed operations. ALFADIESEL Synth 40 is proven against the following performance standards:

**API** CD ,CF, CF-2

**CAT** 3600

## Typical Properties:

SAE grade	40	Method
Specific gravity at 15°C, Kg/l	0.872	ASTM D-4052
Viscosity, Kinematic at 40°C, cSt	107	ISO 3104
Viscosity, Kinematic at 100°C, cSt	14.50	ISO 3104
Viscosity Index	136	ISO 2909
Pour Point, °C	-51	ISO 3016
Flash Point COC, °C	250	ISO 2592
Total Base Number (TBN), mg KOH/g	15.00	ISO 3771

**Note:**

The above information is indicative based on current production and does not constitute a specification. Results can be affected by allowable production tolerances, not affecting performance.