

Marine lubricants.

# Overseas 15W-40



Product developed to meet the current requirements of four-stroke diesel engines used in the marine sector, operating with current low sulfur diesels (less than 50 ppm) and not equipped with gas post-treatment systems.

## Use

- The Overseas 15W-40 product is manufactured with highly refined base oils, which give high resistance to oxidation and degradation, as well as providing stable viscosity at high temperatures and low volatility, thereby decreasing lubricant consumption. Thanks to its special balance of detergent and dispersant additives, it removes deposits in piston valves and rings, avoiding its accumulation and providing for the appearance of lubricant residues and leaks.
- Due to its versatility and high performance, Overseas 15W-40 is ideal for lubricating trunk diesel engines of any brand. This product can be used in engines that consume low-sulfur diesel, as well as diesels with up to 1% sulfur.

## Benefits

- Provides a high level of engine and turbocharger protection and cleanliness, superior to other SHPD type lubricants on the market.
- High level of anti-wear protection.
- Excellent demulsibility and resistance to corrosion and rust.

## Specifications

- API CI-4
- ACEA E7
- MAN 3275-1
- DTFR 15B110 (MB 228.3)
- VOLVO VDS-3
- MACK EO-N
- Renault RLD -2
- CUMMINS CES 20078
- MTU Type 2
- CATERPILLAR ECF-2

## Physical and chemical properties

Parameter	Units	Method	Overseas 15W-40
<b>SAE Grade</b>	-	-	<b>15W-40</b>
Density 15°C	kg/l	D-4052	0.886
Flash point COC	°C	D-92	>200
Pour point	°C	D-97	-39
Viscosity at 40 °C	cSt	D-445	105
Viscosity at 100° C	cSt	D-445	14.50
Viscosity Index	-	D-2270	145
Base Number, (min)	mg KOH/g	D-2896	15
Sulfated Ash	% p	D-874	1.45

## Health & safety and environment

A Material Safety Data Sheet providing information on product hazards, handling precautions, first aid measures, and relevant environmental data is available for this product as per applicable legislation.