



MARINE D 15W40 OIL FOR MARINE DIESEL ENGINES



MARINE RANGE

4 STROKE ENGINE
SAE 15W-40

STANDARDS & SPECIFICATIONS

ACEA E7-22
API CI-4 / SL
BAUDOUIN service B
VOLVO VDS-3



APPLICATIONS

MARINE D 15W40 was formulated to lubricate fast diesel engines and turbo diesel which function in severe conditions.

MARINE D 15W40 is suitable for the lubrication of diesel engines using low-sulphur diesel fuel equipment ship, on severe conditions of charge and service.

MARINE D 15W40 is recommended for the engines ships with SCR system requiring the norm **Tier 3**, to reduce the emission of polluting particles

MARINE D 15W40 provides additional protection against wear due to the build-up of engine soot for **Tier 3** engines without EGR.

MARINE D 15W40 is suitable for suitable for many marine engines Volvo Penta, IVECO AIFO, Mercury, Yanmar, MTU et Mercruiser Diesel

BENEFITS

MARINE D 15W40 presents the following advantages :

- Thermal stability at high temperatures.
- Reinforced anti-rust and anti-corrosion protection.
- Good resistance to oxidation.
- High detergency and dispersancy abilities : reduction of low-temperature deposits
- Anti-wear power : **prolonging engine's life**

PERFORMANCES

APPROVAL (1) | VOLVO VDS-3

(1) Approval certificate available on request



TECHNICAL DATA SHEET

PERFORMANCE LEVELS

ACEA E7-22
API CI-4 / SL

CATERPILLAR ECF 2
CUMMINS CES 20078
DEUTZ DQC III-18
GLOBAL DHD-1
MAN M 3275
MOTEURS BAUDOUIN service B
MTU TYPE 2

CHARACTERISTICS

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA
SAE grade	-	-	15W-40
Specific gravity at 15°C	kg/m ³	NF T 60-101	870
Kinematic viscosity at 40°C	mm ² /s	NF T 60-100	107
Kinematic viscosity at 100°C	mm ² /s	NF T 60-100	14,8
Viscosity index	-	NF T 60-136	146
Flash point	°C	NF T 60-118	232
Sulfated ash content	% weight	NF T 60143	1,4
TBN	mgKOH/g	ASTM D 2896	11,2

This typical data is given for information only

HEALTH, SAFETY AND ENVIRONMENT

Elimination must be carried out to conform to the rules set for the disposal of used lubricants.

Must be stored away from bad weather.

Should you need further details, our Technical Department remains at your entire disposal