

**A mineral oil for naturally aspirated or turbocharged diesel marine engines.**

Marine 5X PRO 15W40 has demonstrated in testing its ability to reduce deposit formation and wear.

## PERFORMANCES

**Standards:**

API CG-4/CF-4/SJ  
ACEA E3/B3/A2

**Specifications:**

MTU Type 2  
RVI RD  
CUMMINS CES 20071/72/76/77  
BAUDOUIIN P2, P3, P4 (DT04 - G01)  
SMB 4  
TBN: 13

## ADVANTAGES

Marine 5X Pro 15W40 contains dispersants able to reduce deposits at low temperatures, and enabling good dispersion of insoluble components in the oil. Marine 5X Pro 15W40 enables easy starting thanks to its viscosity grade, with good cold lubrication, as well as good protection at high temperatures, without increasing oil consumption. Marine 5X Pro 15W40 is suitable for Cummins and Baudouin marine engines.

Characteristics	Methods	Units	Values
Viscosity grade	-	-	15W-40
Colour	Visual	-	Brown
Kinematic viscosity at 40°C	NF T 60-100	mm <sup>2</sup> /s	107.9
Kinematic viscosity at 100°C	NF T 60-100	mm <sup>2</sup> /s	14.5
Viscosity index	NF T 60-136	-	138
Pour point	NF T 60-105	°C	-30
COC flash point	NF T 60-118	°C	234
TBN (alkaline reserve)	ASTM D 2896	mg KOH/g	13.1
Sulfated ash	NF T 60-143	% mass	1.6

*The characteristics are given purely for information and are consistent with our current production standards. IGOL reserves the right to modify them, in order to pass on technical developments to its customers. Before using this product, you should consult the instructions for use and the environmental impact shown on the technical and safety data sheets. The information given above is based on the current state of our knowledge of the product in question. The product user should take all relevant precautions relating to its use. Under no circumstances may IGOL be held liable for damages resulting from misuse.*

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