DISOLA M3015 - M4015 - M5015

DESCRIPTION

Marine oils especially designed for the lubrication of the high and medium speed Diesel engines.

APPLICATIONS

- Turbocharged and naturally aspirated main and auxiliary engines of all types and all ratings, running on Gas Oil or Marine Diesel Oil (ISO 8217 DMX and DMA).
- **DISOLA M 5015** can be used for the running-in of slow speed 2-stroke crosshead engines.
- Bearings and stern-tubes.
- Reduction gear lubricating.

PROPERTIES

- API service: CF.
- Good thermal stability.
- Good detergent properties at high temperatures.
- Good dispersing properties at low temperatures.
- Good wear protection.
- Good oil film strength at extreme pressures.
- Excellent water resistance.
- Excellent capacity for centrifuging and for separating out water and insolubles.
- Excellent filtration capacity.
- Very good acidic neutralisation capability.

CHARACTERISTICS

CHARACTERISTICS	UNITS	DISOLA M 3015	4015	5015
S.A.E. Grade		30	40	50
Density at 15 °C	kg/m³	900	904	905
Kinematic viscosity at 40 °C	mm²/s	110	145	230
Kinematic viscosity at 100 °C	mm²/s	12	14.2	19.7
Flash Point (COC) ASTM D 92	°C	> 220	> 230	> 240
Pour Point	°C	- 9	- 9	- 9
BN (ex TBN) ASTM D 2896	mgKOH/g	14	14	14

Characteristics of this chart are indicative typical values

APPROVALS

DISOLA M 4015 meets the French Navy specification STM 7251A level NATO O 278.

Lubricants in the **DISOLA M** range satisfy the requirements and recommendations of the major engine manufacturers. They have proved their worth in thousands of engines of many different types, operating in all conditions.

HANDLING, HEALTH AND SAFETY

Lubricants consisting of highly refined mineral oils with specific additives.

In normal conditions of use, these lubricants present no particular toxic hazard.

All lubricants, of any kind, should always be handled with great care, particularly avoiding any contact with the skin.

Prevent any risk of splashing, and keep away from combustible materials.

Store under cover and away from any risk of contamination.

A safety data sheet complying with current legislation is available from your Lubmarine local representative.

TOTAL LUBRIFIANTS
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