



ATLANTIC MARINOLS

Super High Performance Marine Diesel Engine Oil

PRODUCT DATA

DESCRIPTION

ATLANTIC MARINOL series are engine oils for highly rated high speed diesel engines, particularly recommended for the lubrication of highly turbo-charged engines running under very severe conditions.

ATLANTIC MARINOL S are super high performance mono-grade diesel engine oils designed for the highest output, high-speed diesel engines, burning distillate fuel and is formulated to give better engine protection and longer drain intervals than normal diesel engine oils. They are especially suitable for the high power/weight units used in fast vessels and compact generator sets.

ATLANTIC MARINOL W is a high performance, multifunctional diesel engine lubricant designed for use in all modern high speed (> 1200rpm) diesel engines, burning distillate fuels with a sulphur content of up to 1% wt.

APPLICATIONS

ATLANTIC MARINOL S has been designed to meet requirements of high-speed diesel engines operating on distillate fuels. Suitable for reduction gears, torque converters and stern tubes.

ATLANTIC MARINOL W is particularly recommended for the lubrication of high speed propulsion engines e.g. coastal vessels, fishing trawlers, rescue boats and lifeboats, emergency power units, fire pumps (IMO international safety rules) & high speed engine generators under cold conditions.

PRODUCT FEATURES & BENEFITS

ATLANTIC MARINOL S

- Extended oil drain intervals.
- Excellent detergent and dispersant capabilities guaranteeing engine cleanliness in all running conditions.
- Very good anti-corrosion and anti-oxidation capabilities providing engine durability.
- Excellent anti-wear and extreme pressure performances allowing use in reduction gears.
- Exceptional protection against bore polishing
- Outstanding piston cleanliness

ATLANTIC MARINOL W

- Very stable multigrade feature enabling the lubricant to be used in all seasons.
- Easier engine starts under cold conditions.
- Very high detergent properties at high temperature.
- Very high dispersant properties at low temperature.
- Excellent thermal stability.
- Excellent oxidation resistance.
- Very good antiwear properties.
- Extend the life of engine.
- Longer Oil Life

RECOMMENDATIONS / SPECIFICATIONS

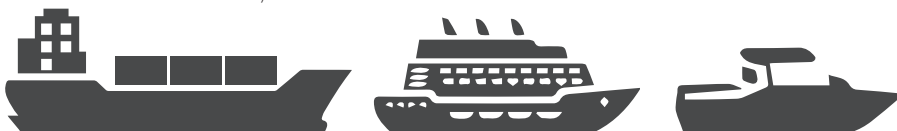
ATLANTIC MARINOL S meets or exceeds the quality requirements of MTU Type II, Wärtsilä, MWM Deutz, Caterpillar 3600 Series. API service: CH-4, CF, ACEA E7-12

ATLANTIC MARINOL W meets or exceeds the quality requirements of CUMMINS CES 200-71,-72, 76, (B&C Series) CES 200-75, Mitsubishi, Perkins, Caterpillar: ECF-2, MTU MTL 5044 Category 1 / 2, Mercedes Benz 228.3, MAN 3275, Volvo VDS 2, GM Allison C-4 API service: CI-4, CH-4, ACEA: E3-96, E5 A2-96, B3-98

TYPICAL TECHNICAL PROPERTIES

	ATLANTIC MARINOL S	ATLANTIC MARINOL W
SAE Viscosity Grade	30	40
		15W-40
Product code	12694ML	12695ML
Density at 15°C, g/ml, ASTM D4052	0.893	0.898
Kinematic Viscosity at 40°C, mm ² /s, ASTM D445	101	145
Kinematic Viscosity at 100°C, mm ² /s, ASTM D445	11	14.3
Viscosity Index, ASTM D2270	93	96
Cold Cranking Viscosity(CCS), mPa s, ASTM D5293, @-20°C	-	-
Flash Point(COC), °C, ASTM D92	220	230
Pour Point, °C, ASTM D97	-18	-18
Total Base Number, mg KOH/g, ASTM D2896	17	17
Sulphated Ash, %wt, ASTM D874, max	1.85	1.85
		1.45

Note: These characteristics are typical of current production. While future production will conform to Atlantic's specification, variations in these characteristics may occur.



Packing : 200 | 208 | 1000 L

ATL/PDS/ML/004/0*, 10.08.15, Page 1/1
* supersedes all previous versions

Health and Safety: This lubricant, when used in accordance with our recommendations and for the application for which it is intended, does not constitute any special hazard. A safety data file conforming to the requirements of current EC legislation is available from your local trade consultant.