



RP ATLANTA MARINE D 3005 Y D 4005

Description

ATLANTA MARINE D oils are specifically formulated for the lubrication of crosshead diesel engine (2-stroke) systems and casings requiring high detergency and dispersancy. They are specially suited for:

- Lubrication of crosshead marine engines (2-stroke) systems, casings and bearings of leading marine engine manufacturers, such as: MAN B&W, SULZER, Mitsubishi, etc.
- Simplex and Waukesha bearings and stern tubes.
- Piston cooling.
- Certain air compressors.
- Bearings and support blocks.

Properties

- Sufficient alkalinity to neutralise the acid compounds that can leak into the casing through the rod gaskets.
- Detergency that guarantees the cleanliness of the casing and oil-cooled piston heads.
- High resistance of the additives to high temperatures, maintaining oil TBN and extended service life.
- Excellent resistance to oxidation.
- Great water and insoluble separation capacity, achieving high additive resistance to hydrolysis.
- Miscibility and compatibility with cylinder oils which can leak through the rod gaskets.
- Excellent anti-rust and anti-corrosion properties, protecting circuit and bearing metals.
- Good performance with the most common gaskets.
- Good anti-foam properties.

Quality levels, approvals and recommendations

- Japan Engine Corporation (UE Engines)*
- MHI*
- MAN ES (MAN B&W)*
- WinGD (Wärtsilä)*

*Formal approval

Technical specifications

	UNIT	METHOD	VALUE	
SAE Grade			30	40
Density at 15 °C	g/cm ³	ASTM D4052	0.891	0.900
Kinematic viscosity at 40 °C	cSt	ASTM D445	105	145
Kinematic viscosity at 100 °C	cSt	ASTM D445	11.5	14.7
Flash point, open cup	°C	ASTM D92	>220	>230
Pour point	°C	ASTM D97	-9	-9
TBN	mg KOH/g	ASTM D2896	5	5

The above mentioned characteristics are typical values and should not be considered product specifications.