



# PRODUCT DATA SHEET

## ADNOC Voyager Marine Oil 540; 555; 570; 5100

### DESCRIPTION

**ADNOC Voyager Marine Oil** is a series of superior, high-alkaline, diesel engine oils, formulated from high-quality base stocks and selected additives to provide optimum oxidation resistance at high temperatures and protection against ring and liner wear. It also provides high level of detergency, piston cleanliness, alkalinity retention and load-carrying ability.

### APPLICATIONS

**ADNOC Voyager Marine Oil** series is recommended for cylinder lubrication of slow-speed, two-stroke crosshead diesel engines.

**ADNOC Voyager Marine Oil 540** is IMO 2020 ready and is designed for engines burning fuels with Sulfur content below 0.5%mass.

**ADNOC Voyager Marine Oil 555, 570 and 5100** versions are recommended for engines equipped with scrubber after treatment systems, burning high-Sulfur fuel oil with Sulfur content ranging from 0.5 to 3.5%mass.

### BENEFITS

- Protects against the corrosive effects of high-sulfur fuels
- Excellent high temperature oxidation resistance and thermal stability
- Effective protection against rust, corrosion, wear and deposits formation
- Extended oil life and reduced maintenance costs
- Superior alkalinity retention

### PERFORMANCE LEVEL

**MAN B&W two-stroke engines**  
**Mitsubishi Heavy Industries (MHI-MME) UE Series 2-stroke Diesel Engines**

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## PRODUCT TYPICAL CHARACTERISTICS

Properties	Units	540	555	570	5100	Test Methods
		SAE				
		50				
Density @15°C	kg/L	0.890	0.904	0.904	0.904	ASTM D1298
Kinematic Viscosity @40°C	mm <sup>2</sup> /s	214.7	260.0	260.0	245.5	ASTM D445
Kinematic Viscosity @100°C	mm <sup>2</sup> /s	18.50	20.90	20.90	19.50	ASTM D445
Viscosity Index	-	96	95	95	90	ASTM D2270
Pour Point	°C	-9	-9	-9	-9	ASTM D97
Flash Point, COC	°C	246	250	250	250	ASTM D92
Base Number	mg KOH/g	40	55	70	100	ASTM D2896

Minor variations in product typical test data are to be expected in normal manufacturing.

Always follow the Original Equipment Manufacturer's recommendation (OEM) for the equipment operating conditions, product specification, drain interval, cylinder oil feed rate and customer's maintenance practices.  
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