



YOKOHAMA / YOKOMARIN

SAE 30

TECHNICAL DATA SHEET | TDS

WR SERIES | MARINE ENGINE OILS

PRODUCT DESCRIPTION

YOKOHAMA YOKOMARIN WR Series comprises SAE 30 crankcase oils for medium-speed, four-stroke trunk-piston marine diesel engines. BN 30, BN 40 and BN 55 grades provide different levels of alkaline reserve for marine and stationary power applications. The formulation is designed to support engine cleanliness, neutralization of combustion acids, oil-film protection and control of oxidation and corrosive wear.

APPLICATIONS

For main propulsion and auxiliary trunk-piston marine diesel engines, generator sets and stationary power units requiring SAE 30 crankcase lubrication. The three BN grades offer choices for differing fuel characteristics and engine operating conditions.

KEY LUBRICATION FEATURES

SAE 30 crankcase lubrication BN 30, BN 40 and BN 55 grades Piston and ring deposit control	Neutralization of combustion acids Oil-film protection under load Oxidation and corrosion control
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TYPICAL TECHNICAL CHARACTERISTICS

PROPERTY	UNIT	TYPICAL VALUE		
		30/30	30/40	30/55
Kinematic viscosity at 40°C	mm²/s	100.67	112.00	
Kinematic viscosity at 100°C	mm²/s	11.22	11.60	11.10
Viscosity index	-	101.80	105.00	108.00
Density at 15°C	kg/m³	902.25	908.33	913.00
Flash point, open cup	°C	238.00	220.00	
Pour point	°C	-12.60	-15.00	-18.00
Total base number (TBN)	mg KOH/g	30.25	40.00	55.13

Note: The values shown in this table are typical values and do not constitute product specifications. Minor variations may occur between production batches due to normal manufacturing tolerances.