

Product Code:

# 2404

# MARINE 1230

Marine oil

Meets the requirements:

SAE 30  
API CF-4  
TBN 12

MANNOL Marine 1230 are high performance diesel engine oils developed for use on low sulphur distillate fuels in marine and industrial applications. They are formulated to have excellent resistance to oxidation and viscosity increase over a long period of service. They have superior water separating properties and provide excellent corrosion protection. MANNOL Marine 1230 are formulated with base oils having proven successful performance in diesel engines. The additive system is balanced to provide excellent resistance to thermal degradation under moderately severe operating conditions. They also provide good engine cleanliness and superior wear protection.

Product Characteristics:

| Test               | Method | Unit              | Result |
|--------------------|--------|-------------------|--------|
| Density at 15°C    | D 1298 | kg/m <sup>3</sup> | 888    |
| Viscosity at 100°C | D 445  | cSt               | 12     |
| Viscosity index    | D 2270 |                   | 100    |
| Flash point COC    | D 92   | °C                | 222    |
| Pour point         | D 97   | °C                | -11    |
| TBN                | D 2896 | gKOG/kg           | 12,66  |

Volume:

208L MN2404-DR      1000L MN2404-IBC



[www.mannol.de](http://www.mannol.de)

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