

# MATRAX HEAVY CLASSIC 403 A

## Description

Lubricant for stationary and marine engines requiring a SAE 40 monograde lubricant, developed to operate with high sulphur content fuels. It has a good alkaline reserve due to its high TBN.

## Application

This lubricant has been carefully formulated with TBN-enhancing additives to give it premium robustness. It has a TBN level of 12 mgKOG/g to neutralise acid attacks caused by compounds present in unconventional fuels, particularly with high sulphur content.

## Technical characteristics

Acid attack neutralisation: the high level of TBN provides excellent acid neutralisation properties and cleaner engines, which can lead to reduced component wear rates  
Selected additive package: contains effective corrosion, oxidation and rust inhibitors, as well as additives to control foaming  
Wear and deposit protection: formulated to reduce both wear and deposit formation

## Technical information

### Parameter

Kinematic viscosity @40°C (cSt) ASTM D 445  
Kinematic viscosity @100°C (cSt) ASTM D 445  
Viscosity index ASTM D 2270  
Density a 15°C (g/cm<sup>3</sup>) ASTM D 1298  
Flash point (°C) ASTM D 92  
Freezing point (°C) ASTM D 97  
TBN (mg KOH/g) ASTM D 2896

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150,6  
16  
118  
0,905  
230  
-18  
30



## Approvals and Recommendations

ACEA E2 · API CF-4 · MB 228.1 · MAN 271 · MTU Type 1

All packaging must be stored in covered facilities. In cases where outdoor storage is unavoidable, the drums should be placed horizontally to prevent the possible infiltration of water, as well as their deformation. Products should not be stored above 60°C, exposed to direct sunlight or low temperatures. We advise you to read the safety data sheet carefully for more information on its use and handling.