

MARINE LUBRICANTS

CEPSA GAVIA 4050

DESCRIPTION

CEPSA GAVIA 4050 oil was developed for lubrication of cylinders of slow marine two-stroke engines that use VLSFO (Very Low Sulphur Fuel Oil) fuels with low sulphur content (>0.1% to 0.5%). It can be used with fuels with a higher or lower sulphur content (for ECA zones) according to the manufacturer's recommendations and always after consultation with the manufacturer. With its specific formulation for regulation IMO 2020, CEPSA GAVIA 4050 makes it possible for vessel operators to confirm that they are compliant with the new requirements under the regulation in all areas where fuels are restricted to 0.5% sulphur or less.

Formulated with straight-refined paraffin base oils and state-of-the-art additives, CEPSA GAVIA 4050 oil adapts to the needs of engines using low-sulphur fuel oils. The product, with a base number value adapted to the new fuels as a result of the IMO 2020 standard, offers superior anti-wear protection of the liner and excellent cleanliness of the piston housing and rings.

PRODUCT PERFORMANCE

- Specific formulation for the IMO 2020 standard, suitable for use with new VLSFO fuels (<0.5% S).
- Excellent detergent/dispersant properties providing optimum cleanliness of the piston housing and rings, which are critical areas for operation with distilled fuels.
- Excellent thermal and oxidation stability resulting in a drastic reduction in piston ring deposits.
- Maintains an optimal lubrication film under different load conditions, protecting the engine from wear on the cylinder liner and piston rings.
- Protects against corrosion and wear associated with the use of low sulphur fuels.

SPECIFICATIONS

- MAN B&W Diesel
- WING&D

TYPICAL CHARACTERISTICS

CHARACTERISTICS	UNITS	ASTM STANDARD	CEPSA GAVIA 4050
SAE GRADE		---	50
Density 15 °C	kg/l	D-4052	0.9203
Flash point V/A	°C	D-92	>220
Freezing point	°C	D-97	-27
cSt viscosity at 40 °C	cSt	D-445	227
cSt viscosity at 100 °C	cSt	D-445	19.68
Viscosity index	-	D-2270	99
Base number, (min)	mg KOH/g	D-2896	40

HEALTH & SAFETY AND ENVIRONMENT

A Safety Data Sheet providing information on product hazards, handling precautions, first aid measures, and relevant environmental data is available for this product in accordance with the applicable legislation.

The typical values of the characteristics appearing in the table are average values given for guidance purposes only and do not constitute a guarantee. These values may be modified without any prior warning.