



Alpha Gear 90 Oil

TECHNICAL SPECIFICATIONS

Product Description

Alpha Energy gear oils ISO 90 is manufactured to withstand maximum resistance, corrosion protection and safety of all machinery on marine vessels that need to add extreme pressure to withstand high loads in harsh services to maximize the technical performance of your machines.



Applications

Gear oil provides optimal lubrication for gears operating under extremely harsh load and temperature conditions. It is characterized by its excellent resistance to oxidation and high resistance to the work of machinery and equipment with high capacity and its excellent ability to separate water in case of pollution, makes this lubricant ideal for working in all marine equipment exposed to harsh lubrication conditions, meaning that it provides excellent protection in the marine environment.

Specifications

TESTS	TEST METHODS	SAE 90
Density @ 15°C	ASTM D4053	0.8544
Flash point °C	ASTM D 92	>220
Pour point °C	ASTM D97	-6
KIN.Viscosity @40c	ASTM D7042	198
KIN.Viscosity @100c	ASTM D7042	17.5
Viscosity index	ASTM D2270	>95

Health, Safety and Environment

This product is unlikely to present any significant health and safety hazards when used in the recommended application. Avoid contact with skin. Wash immediately with soap and water after skin contact. Do not discharge into drains, soil or water.

For further detail regarding storage, safe handling, and disposal of product, please refer to product SDS or contact us at : www.alphaenergy.com.eg