



Alpha Voltec Gear Series HVI

TECHNICAL SPECIFICATIONS

Product Description

Alpha Energy gear oils ISO (68, 100, 150, 220, 320, 460, 680) are Industrial oils 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. Alpha gear oils are particularly suited for gear sets working under heavy load or shock load. They also can be used in non-gear applications including highly loaded, low-speed plain and rolling contact bearings. These mineral oil-based products are designed to provide high quality, latest additive technology of industrial gear oil formulation.

Specifications

GEAR OILS	TEST METHODS	68	100	150	220	320	460	680
SAE GRADE	SAE	68	100	150	220	320	460	680
Density @ 15°C, g/ml	D 1298	0.890	0.890	0.891	0.902	0.903	0.911	0.920
Flash point °C	D 92	>220	>220	>220	>220	>220	>220	>220
Pour point °C	D 97	-18	-18 MAX	-18 MAX	-18 MAX	-18 MAX	-45	-45
Viscosity @ 40°C, cst	D 445	68	100	150	220	320	460	680
Viscosity Index	D 2270	>140	>140	>140	>140	>140	>140	>140
Foam Test	D 892	50/0.50/0.50/0	50/0.50/0.50/0	50/0.50/0.50/0	50/0.50/0.50/0	50/0.50/0.50/0	50/0.50/0.50/0	50/0.50/0.50/0

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