

## TECHNICAL SPECIFICATION

# ALPHA TRANS GEAR 140

### Description And Specifications :

Alpha Energy gear oils ISO 140 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.



### Recommendations :

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.

### SPREAD SHEET :

TESTS	TEST METHODS	SAE 140
Density @ 15°C	ASTM D4053	0.8744
Flash point °C	ASTM D 92	>220
Pour point °C	ASTM D97	-12
KIN.Viscosity @40c	ASTM D7042	490
KIN.Viscosity @100c	ASTM D7042	30.5
Viscosity index	ASTM D2270	>95

**AT ALPHA ENERGY PETROLEUM INDUSTRIES, WE FOCUS ON CREATING ADVANCED  
 LUBRICANTS AND LUBRICANT COMPOUNDS THAT ENHANCE MACHINE EFFICIENCY  
 AND EXTEND SERVICE LIFE.**