

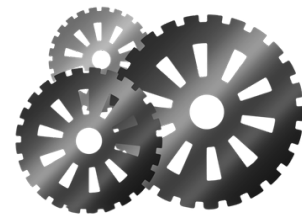


Alpha Synthetic Gear Oils

TECHNICAL SPECIFICATIONS

Product Description

Alpha synthetic oils are demulsifying, fully-synthetic industrial gear oils with elevated aging resistance, very good load-carrying capacity and wear protection. Also have good resistance to micropitting. Reliable lubrication of roller bearings, preferably used when increased requirements are set for high and low temperature usage limits.



Applications

Alpha synthetic gear oils are recommended for highly-stressed bearings, joints, pressure screws, spur gears, worm gears and planetary gears can be reliably, safely and economically supplied even at short-term peak temperatures up to 150 °C.

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	0.847	0.853	0.855	0.857	0.862	0.865	0.868
Flash point °C	D 92	>220	>220	>220	>220	>300	>300	>300
Pour point °C	D 97	-58	-55	-45	-42	-42	-38	-34
Viscosity @ 40°C, cst	D 445	68	100	150	220	320	460	680
Viscosity Index	D 2270	>150	>150	>150	>150	>150	>160	>160
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