



Alpha Gear 80W90 Oil

TECHNICAL SPECIFICATIONS

Product Description

ALPHA 80W-90 is specially formulated to provide good synchroniser performance and with low temperature viscosity characteristics to help provide good shift performance in hot or cold where extreme pressure gear oils are specified.

A single product for transmissions and final drives reducing inventory and the potential for misapplication. High temperature stability gives superior performance and extended drain potential, Optimised synchroniser performance gives smooth gear shifting at all temperatures, Excellent wear protection extends component life and reduces maintenance costs.

Applications

ALPHA GEAR OIL 80W-90 is particularly preferred for vehicles fitted with transaxles that combine gearbox and hypoid differential and for improved gearshift characteristics in gearboxes where SAE 80W-90 or 90 oils are normally used. Also be used in axles of cars where SAE 80W-90 GL-5 is normally recommended. Also recommended for the secondary axle in 4WD drives for reduced friction and improved fuel efficiency.

Specifications

TESTS	TEST METHODS	SAE 80W90
Density @ 15C	ASTM D1298	0.9
Appearance	visual	Bright and Clear
KIN.Viscosity @100c	ASTM D7042	14.5
Pour point °C	ASTM D97	-35
KIN.Viscosity @40c	ASTM D7042	136
Viscosity index	ASTM D2270	105
Flash Point	ASTM D92	202

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