

An oil for gearboxes and axles.

PERFORMANCES

Standards:
API GL-5

Specifications:
SCANIA STO 1:0
MAN 342 Typ M-2 (80W-90)

ADVANTAGES

Thanks to its additives, GEAR S possesses very good extreme pressure properties.

The choice of formulation, and in particular of the base oils, meets particular specifications, such as SCANIA STO 1:0 (shear stability, filtering, thermal and oxidation stability).

USES

GEAR S possesses outstanding extreme pressure properties, enabling hypoid gears to work under very heavy loads and at high speeds, with repeated abrupt loads.

Gearboxes and axles, if the manufacturer recommends an API GL5 oil.
SCANIA gearboxes and axles for which the manufacturer stipulates specification STO1:0, with oil change intervals of up to 240,000 km for certain services.

Characteristics	Standards	Units	80W-90	85W-140
Density at 15°C	NFT 60-101	kg/m ³	904	909
Viscosity at 40°C	ASTM D445	mm ² /s	149	322
Viscosity at 100°C	ASTM D445	mm ² /s	14.6	26
Viscosity index	NFT 60-136		97	106
Pour point	ASTM D97	°C	-21	-24
COC flash point	NF T 60-118	°C	226	236

The characteristics are given purely for information and are consistent with our current production standards. IGOL reserves the right to modify them, in order to pass on technical developments to its customers. Before using this product, you should consult the instructions for use and the environmental impact shown on the technical and safety data sheets. The information given above is based on the current state of our knowledge of the product in question. The product user should take all relevant precautions relating to its use. Under no circumstances may IGOL be held liable for damages resulting from misuse.

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