HAFA

TECHNICAL DATA SHEET

FREEWAY GEAR GL5 LS 75W-140 SAE 75W-140

FULLY SYNTHETIC GEAR OIL FOR LIMITED-SLIP DIFFERENTIALS

APPLICATIONS

FREEWAY GEAR GL5 LS 75W-140 is a fully synthetic gear oil specially developed for heavily loaded drive axles equipped with or without multi-disc limited-slip differentials.
It is particularly recommended for mechanical transmissions operating under severe load conditions. FREEWAY GEAR GL5 LS 75W-140 has been specifically formulated for the lubrication of limited-slip differentials (LSD) and locking differentials used in construction equipment, agricultural machinery, snow groomers, high-performance and competition vehicles, off-road vehicles, and other demanding applications.

PERFORMANCE

Classification: API GL5 LS

CUSTOMER BENEFITS

EXTENDED SERVICE LIFE • NOISE REDUCTION

- Excellent low-temperature fluidity (SAE 75W) ensures rapid lubrication of drivetrain components during cold starts while maintaining lubricant stability.
- Outstanding oxidation and shear stability helps maximize drain intervals under severe operating conditions.
- Eliminates limited-slip differential chatter for smooth and reliable operation.
- Advanced friction modifier technology minimizes operating noise and vibration, even under heavy-duty service conditions.

CHARACTERISTICS

	Method	Units	Values
Density at 15°C	-	-	*0.86*
Viscosity at 100°C	*ASTM D445*	*mm²/s*	*26.5*
Viscosity at 40°C	*ASTM D445*	*mm²/s*	*170*
Viscosity index	*ASTM D2270*	-	*195*
Flash point	*ASTM D92*	*°C*	*>200*
Pour point	*ASTM D97*	*°C*	*<-40*

The values shown above are typical values provided for guidance only.

Version of 05/052025

CERTIFIED LR ISO 9001

RECOMMENDATION

Shelf Life
36 months when stored in the original, tightly sealed packaging under normal storage conditions.
Storage Conditions
Store indoors at ambient temperature in a clean, dry environment, protected from water, dust and moisture.
Storage temperatures should not exceed **40°C**. Avoid exposure to direct sunlight, severe frost or excessive temperature fluctuations.

HEALTH, SAFETY AND ENVIRONMENT

Health and safety information for this product is provided in the **Safety Data Sheet (SDS)**, available upon request or from **www.hafa.fr**.
This product should only be used for its intended applications.
Dispose of used product in accordance with local environmental regulations.