HAFA

TECHNICAL DATA SHEET

FREEWAY GEAR GL5 LS 75W-90 SAE 75W-90

EXTREME PRESSURE SYNTHETIC GEAR LUBRICANT FOR SENSITIVE GEARBOXES AND 4X4 VEHICLE DIFFERENTIALS

APPLICATIONS

FREEWAY GEAR GL5 LS 75W-90 is a synthetic extreme-pressure gear lubricant specially designed for the lubrication of limited-slip differentials and self-locking axles fitted to industrial vehicles and off-road 4x4 vehicles.
It can also be used in conventional differentials, reduction gears and other transmission applications requiring an API GL-5 LS lubricant.
Thanks to its specific friction-modifying additive technology, FREEWAY GEAR GL5 LS 75W-90 ensures smooth and quiet operation of limited-slip systems while providing excellent anti-wear protection and outstanding resistance to oxidation.

PERFORMANCE

Classification: API GL5 LS

CUSTOMER BENEFITS

EXTENDED SERVICE LIFE • NOISE REDUCTION

- Excellent low-temperature fluidity (SAE 75W grade) improves gear shifting performance during cold starts.
- SAE 90 viscosity grade at high temperature maintains a strong oil film under severe operating conditions and extreme pressures.
- Excellent anti-wear and anti-corrosion properties provide long-lasting component protection.
- Eliminates juddering at both low and high temperatures thanks to its specific formulation containing friction modifiers.
- Reduces operating noise for improved driving comfort.

CHARACTERISTICS

	Method	Units	Values
Density at 20°C	-	-	*0.868*
Viscosity at 100°C	*ASTM D445*	*mm²/s*	*14.5*
Viscosity at 40°C	*ASTM D445*	*mm²/s*	*95.0*
Viscosity index	*ASTM D2270*	-	*158*
Flash point	*ASTM D92*	*°C*	*> 200*

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

Version of 30/07/2026

LRQA CERTIFIED ISO 9001 ISO 14001

RECOMMENDATIONS

Shelf Life:
36 months when stored in tightly sealed original containers under normal storage conditions.

Storage Conditions:
Store at ambient temperature in a clean, dry area protected from water, dust and moisture. Products should not be stored at temperatures above 50°C (122°F) and should be protected from direct sunlight, severe cold and large temperature fluctuations.

HEALTH, SAFETY AND ENVIRONMENT

Health and safety recommendations for this product are provided in the Safety Data Sheet (SDS), available upon request and on the HAFA website at **www.hafa.fr**.

This product should only be used for its intended purpose. When disposing of used product, protect the environment and comply with all applicable local regulations.