

# Product Information: Geartech A-FS 75W-140

## Description

Geartech A-FS 75W/140 is a high performance fully synthetic automotive gear lubricant specifically formulated for use in heavy-duty driven axles and differentials in both passenger cars and commercial vehicles. This synthetic gear lubricant is formulated with advanced extreme pressure additives to promote high performance and component protection against scuffing and wear.

The high viscosity index of this formulation offers exceptional thermal stability as well as excellent low temperature fluidity, aiding rapid lubricant circulation during cold start-ups. The fluid has robust oxidation stability resisting oil thickening and keeping components free from harmful deposits. Furthermore, the fluid offers exceptional protection against corrosion, gives good foam suppression performance and is compatible with a wide range of seal materials.

## Applications

Geartech A-FS 75W/140 is primarily intended for the lubrication of axle gears and hub reduction gears, where a fluid of this quality and performance level is recommended by the original equipment manufacturer.

## Performance Features

Protection against scuffing and wear  
Potential for reduced fuel economy  
Thermally stable  
Robust oxidation stability  
Excellent shear stability performance  
Good foam suppression performance  
Seal compatibility

## Performance Levels

API: GL-5; MT-1  
Scania: STO 1:0; STO 2:0A  
Mack: GO-J  
ZF TE-ML: 05B; 07A; 12B; 12N; 16F  
MIL-PRF-2105E

## Typical Data

Characteristic	Unit	Result	Method
Density @ 15.6°C	kg/l	0.847	ASTM D4052
Kinematic Viscosity @ 40°C	cSt	185	ASTM D445
Kinematic Viscosity @ 100°C	cSt	24.6	ASTM D445
Viscosity Index		164	ASTM D2270
Flashpoint (Closed)	°C	200	ASTM D93
Pour Point	°C	-46	ASTM D97

Figures based on average production values