



**lubricants**

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International Lubrita Distributors network



# Automotive Gear Oils

Designed For High Efficiency



Lubrita Company born in Europe and working Worldwide!

## Automotive Gear Oils

Gear oil is a lubricant used specifically for automotive manual transmissions for cars, trucks and different types of machinery. It has high viscosity for better performance and protection of gears. Lubricants designed for manual gearboxes and differentials are also called hypoid gear oils. They offer higher viscosity to protect the gears better. The high viscosity ensures the transfer of lubricant through the gear train, which is essential since devices needing this heavy oil do not have pumps for transferring the oil with only a part of the lowermost gears bathed in an oil sump. This heavy oil can create viscous drag, leading to inefficiencies in vehicle operation. A number of modern automatic transaxles (integrated transmission and differential) do not use heavy oil at all, but lubricate with lower-viscosity hydraulic fluid, which is available at pressure within the automatic transmission. Differentials and hypoid gear oils contain extreme pressure (EP) additives and anti-wear additives to cope with the sliding action of hypoid bevel gears. Fully synthetic gear oils are also used in many vehicles, and have a greater resistance to shear breakdown when compared to mineral oils. Synthetic gear lubricants reduce energy consumption due to a low friction coefficient.

### Why Lubrita's Gear Oils – Main Features:

- Reducing energy consumption due to its low coefficient of friction.
- The range of viscosities offered, covering all ranges of operation.
- High viscosity index which ensures optimum performance in all temperatures.
- Excellent anti-friction characteristics which reduces the temperature of operation.

API classification subdivides all transmission oils into main classes: API GL-1, API GL-2, API GL-3, API GL-4, API GL-5 and API GL-6 and, accordingly, SAE 75W-90, SAE 75W-140, SAE 80W-90, SAE 85W-140 and LS- for Limited Slip. For maximum effectiveness, gear oils must not only lubricate, but also cool and protect complete gear systems. They should also transport worn particles away from the contact areas, reduce noise in operation and ensure protection against extreme pressure and temperature. Lubrita auto gear oils help prevent wear on shifts and damage, eradicate costly equipment downtime and failure.

Automotive Gear Oils		
Code	Name	Specifications
NS-AGO-4077	Lubrita MP Gear Oil 80W-90	API GL-4, good Extreme Pressure (EP) properties,
NS-AGO-4078	Lubrita MP Gear Oil 85W-140	API GL-4, Mil-L-2105, CS 3000, Ford M2C9008-A, GM
NS-AGO-4079	Lubrita MPS Gear Oil 75W-90	API GL-4, good Extreme Pressure (EP-) properties, good clutch-switch performance at low temperatures
NS-AGO-4080	Lubrita HD Gear Oil 80W-90	API GL-5, very good EP-properties
ST-AGO-4081	Lubrita HD Gear Oil 85W-140	API GL-5, Mil-L-2105D, ZF TE-ML-05A/07A/17B, CS 3000B, Ford M2C9002-A, Mack GO-G, GM
ST-AGO-4082	Lubrita HD Gear Oil LS 80W-90	API GL-5, Mil-L-2105D, ZF TE-ML 05C,
NS-AGO-4083	Lubrita HDS Gear Oil LS 75W-90	API GL-5, Mil-L-2105D, ZF TE-ML 05C
ST-AGO-4084	Lubrita MTS Gear Oil 75W-80	API GL-4*+*, Mil-L-2105, Citro&euml;n ?
ST-AGO-4085	Lubrita HDS Gear Oil 75W-90	API GL-5, Mil-L-2105D, ZF TE-ML-05A/07A/17B, CS 3000B, Ford M2C9002-A, Mack GO-G, GM
ST-AGO-4086	Lubrita VS Gear Oil 75W-90	API GL-4/5, MIL-L-2105, VW 501.50
NS-AGO-4087	Lubrita Unitrans Gear Oil LS 75W-90	API GL-4/5, MIL-L-2105
ST-AGO-4088	Lubrita MPS Gear Oil 75W-80	API GL-4, MIL-L 2105, MAN 341 Type Z4, E3, ZF TE-ML-01L, 02L, 16K, DAF/Volvo 97305, Eaton(Europe, extended drain)/Iveco/Renault
NS-AGO-4089	Lubrita Unitrans S Gear Oil 75W-80	API GL-4/GL-5/MT-1, universal gear oil is developed for manual transmissions and hypoid differentials in passenger cars, delivery vans and heavy trucks
ST-AGO-4090	Lubrita Unitrans S Gear Oil 75W-90	API GL-3/GL-4/GL-5/MT-1, MIL-L-2105A/B/C/D/E, MIL-PRF-2105E, MB-Approval 235.8, MAN 3343 Type S/341 Type E-3, ZF TE-ML-02B/05B/12B/16F/17B/19C/21B, DAF, Scania STO 1:0, Volvo 97312, Ford M2C200-B/C, MACK GO-J
NS-AGO-4091	Lubrita Unitrans S Gear Oil 75W-140	API GL-4/GL-5/MT-1, Mil-L-2105D/Mil-PRF-2105E
NS-AGO-4092	Lubrita Unitrans S Gear Oil LS 75W-110	API GL-4/GL-5/MT-1, Mil-L-2105D/Mil-L-PRF-2105E, MACK GO-J, DAF
ST-AGO-4093	Lubrita Unitrans S Gear Oil 80W-90	API GL-3/GL-4/GL-5/MT-1, MIL-L-2105A/B/C/D/E, MAN 341 Type E-2/3343 Type M, Scania STO 1:0, Volvo 97310, ZF TE-ML-02B/05A/07A/08A/12E, ZF TE-ML-16B/16C/16D/17B/19B/21A, MB 235.0
NS-AGO-4094	Lubrita Unitrans Gear Oil 80W-90	API GL-3/GL-4/GL-5/MT-1, MIL-L-2105A/B/C/D/E, MAN 341 Type E-2/3343 Type M, Scania STO 1:0, Volvo 97310, ZF TE-ML-02B/05A/07A/08A/12E, ZF TE-ML-16B/16C/16D/17B/19B/21A, MB 235.0
NS-AGO-4095	Lubrita Unitrans S Gear Oil LS 75W-90	API GL-4/GL-5/MT-1, MIL-L-2105A/B/C/D/E, MAN 3343 Type S, Scania STO 1:0, Volvo 97310, ZF TE-ML-02B/5B/07A/12B/16F/17B
NS-AGO-4096	Lubrita Unitrans Gear Oil LS 80W-90	API GL-3/GL-4/GL-5, MIL-L-2105A/B/C/D/E, MAN 341 Type Z-2/342 Type M-2/3343 Type M, Scania STO 1:0, Volvo 97310, ZF TE-ML-05C/07A/08A/12C/16E/17B
NS-AGO-4097	Lubrita Unitrans Gear Oil LS 85W-140	API GL-3/GL-4/GL-5, MIL-L-2105A/B/C/D/E, MAN 341 Type Z-2/342 Type M-2/3343 Type S, Scania 1:0, Volvo 97310, ZF TE-ML-05C/07A/08A/12C/16E/17B
NS-AGO-4098	Lubrita Transcat 10W	Allison C-4, Caterpillar TO-4
ST-AGO-4099	Lubrita Transcat 30	Allison C-4, Caterpillar TO-4
NS-AGO-4100	Lubrita Transcat 50	Allison C-4, Caterpillar TO-4
NS-AGO-4101	Lubrita Transcat 60	Allison C-4, Caterpillar TO-4
NS-AGO-4102	Lubrita GL-1 Gear Oil 80W	API GL-1
NS-AGO-4103	Lubrita GL-1 Gear Oil 90	API GL-1
NS-AGO-4104	Lubrita GL-1 Gear Oil 140	API GL-1,
NS-AGO-4105	Lubrita GL-4 Gear Oil 90	API GL-4, Mil-L-2105, CS 3000, Ford M2C9008-A, GM, ZF TE-ML-02A/02B/16A/17A/19A, MB 235.1
NS-AGO-4106	Lubrita GL-4 Gear Oil 140	API GL-4, Mil-L-2105, CS 3000, Ford M2C9008-A, GM
NS-AGO-4107	Lubrita GL-5 Gear Oil 90	API GL-5, Mil-L-2105D, CS 3000B, Ford M2C9002-A, MB-Approval 235.0, GM, MAN 342 Type M-1, ZF TE-ML-05A/07A/16B/17B, Mack GO-G
NS-AGO-4108	Lubrita FS Gear Oil 75W-90	API GL-5, MIL-L-2105D

## Automotive Gear Oil recommendations

Specifications	MP Gear Oil 80W-90	MP Gear Oil 85W-140	MPS Gear Oil 75W-90	HD Gear Oil 80W-90	HD Gear Oil 85W-140	HD Gear Oil LS 80W-90	HDS Gear Oil LS 75W-90	MTS Gear Oil 75W-80	HDS Gear Oil 75W-90	VS Gear Oil 75W-90	Unitrans Gear Oil LS 75W-90	MPS Gear Oil 75W-80	Unitrans S Gear Oil 75W-80	Unitrans S Gear Oil 75W-90	Unitrans S Gear Oil 75W-140	Unitrans S Gear Oil LS 75W-110	Unitrans S Gear Oil 80W-90	Unitrans Gear Oil 80W-90	Unitrans S Gear Oil LS 75W-90	Unitrans Gear Oil LS 80W-90	Unitrans Gear Oil LS 85W-140	Transcat 10W	Transcat 30	Transcat 50	Transcat 60	GL-1 Gear Oil 80W	GL-1 Gear Oil 90	GL-1 Gear Oil 140	GL-4 Gear Oil 90	GL-4 Gear Oil 140	GL-5 Gear Oil 90	FS Gear Oil 75W-90							
Allison C-4																						+	+	+	+														
API GL-1																																							
API GL-3																																							
API GL-4/4+	+	+	+																																				
API GL-5				+	+	+	+																																
Caterpillar TO-4																																							
CS 3000B	+																																						
DAF																																							
Ford M2C9002-A																																							
Ford M2C9008-A	+																																						
Ford M2C200-B/C																																							
GM	+																																						
MB 235.0																																							
MB 235.1																																							
MB 235.8																																							
MT-1																																							
Mack GO-G																																							
Mack GO-J																																							
MAN 3343 Type M																																							
MAN 3343 Type S																																							
MAN 341 Type E2																																							
MAN 341 Type E3																																							
MAN 341 Type Z2																																							
MAN 341 Type Z4																																							
MAN 342 Type M1																																							
MAN 342 Type M2																																							
MIL-L/PRF 2105A/B/C/D/E	+																																						
Scania STO 1:0																																							
Volvo 97305																																							
Volvo 97310																																							
Volvo 97312																																							
VW 501.50																																							
ZF TE-ML*																																							

## Lubrita Quality and Sustainability

### When quality and reliability are essential

Manufacturing is done in accordance certified with ISO-9001:2008, ISO-14001:2004 and OHSAS-18001:2007 which means that our policy is aimed at meeting our customers requirements as much as possible, without losing sight of aspects like **security, health and environment**. With our extensive range of high quality oils a growing number customers now trust Lubrita lubricants to provide cleaner running engines, better fuel economy, lower maintenance costs and longer equipment life.



Quality management systems | Certificate No.: LT0709Q

ISO 9001:2008 | LST EN ISO 9001:2008

Environmental management systems | Certificate No.: LT0710E

ISO 14001:2004 | LST EN ISO 14001:2005

ISO 9001  
ISO 14001

**BUREAU VERITAS**  
Certification



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### Distributor