



UNITED ULTRAGEAR

Product Description

High-performance heavy-duty fully synthetic manual transmission fluid designed for synchronized manual transmission systems in commercial trucks. It is specially formulated with optimized friction characteristics to ensure smooth and precise gear shifting, while its excellent extreme pressure (EP) protection minimizes component scuffing and wear, thereby extending service life and reducing maintenance frequency.

Formulated with synthetic base oils and a high-performance additive system, this product provides an extended drain interval of up to 300,000 km or 3 years. It meets MAN specifications MAN 342 Type M3 and MAN 341 Type Z2 for total driveline applications and is suitable for use in commercial vehicles from IVECO, RENAULT, and SCANIA.

Applications / Benefits

- * Superior shear stability for consistent performance
- * Outstanding low-temperature fluidity compared to mineral oils
- * Enhanced friction properties for better fuel economy and smoother shifting
- * Excellent thermal stability and resistance to high-temperature oxidation

Typical Characteristics

Test Description	Method	Unit	75W80	75W90
SAE Viscosity Grade	SAE J 300	-		
Density @ 15 °C	ASTM D 4052	kg/L	0.864	0.870
Flash Point	ASTM D 92	°C	212	220
Pour Point	ASTM D 97	°C	-39	-39
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	53.6	76.1
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	10.5	14.9
Viscosity Index	ASTM D 2270	-	189	207



Suggested for the Following Uses

* API	GL-4
* API	GL-5
* API	MT-1
* DAF	SFU
* DETROIT DIESEL	DFS93K219.01
* IVECO	SFU
* MERITOR	O-94
* MERITOR	076-E
* MAN	341 GA1
* MAN	341 Z2
* MAN	342 M3
* MAN	342 S1
* MACK	GO-J
* MERCEDES BENZ	MB 235.8
* MIL	PRF-2105E
* RENAULT	SFU
* SAE J2360	SFU
* SCANIA	STO 1:0
* SCANIA	STO 1:1G
* SCANIA	STO 2:0A FS
* VOLVO	97312
* ZF	ML 02B
* ZF	TE-ML 05A
* ZF	TE-ML 07A
* ZF	TE-ML 12B
* ZF	TE-ML 12L
* ZF	TE-ML 12N
* ZF	TE-ML 16B
* ZF	TE-ML 16F
* ZF	TE-ML 17B
* ZF	TE-ML 19C
* ZF	TE-ML 21A
* ZF	TE-ML 24A

Reference No.
6415G3GL4GL5REVO

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