DESCRIPTION

The **SYNECO AMPLEX** series is designed to lubricate gearboxes, differentials and final drive units of cars, trucks, buses, and diggers. This type of lubrication requires strong anti-wear and anti-oxidation properties, along with excellent behavior at low temperatures and perfect compatability with metal alloys and elastomers.

The **SYNECO AMPLEX** assures protection from wear and oxidation, easy gear shifting within a wide temperature range, viscosymmetric stability, and long lifespan. The great number of manufacturers and specifications in this sector calls for the use of particularly selected bases, viscosity-modifying polymers with extremely high shear resistance, and state-of-the-art additivation meeting the latest manufacturer requirements.

PROPERTIES

- **AMPLEX 75W** : Synthetic lubricant for gearboxes of cars and heavy duty vehicles and whenever an API GL4 level lubricant is required. Its formulation is particularly adapt for use at low temperatures and when easy gear shifting, high shear resistance, and low volatility are the key requirements.
- **AMPLEX 75W90** : High performance synthetic lubricant, ideal for gearboxes of commercial vehicles and buses (WITHOUT integrated Intarder). It's strong API GL5 anti-wear additivation allows maximum protection under the hardest working conditions, extending service life of mechanical couplings. Its marked anti-oxidation and anti-rust properties, along with its high shear resistance, allow particularly long oil change intervals.
- **AMPLEX 80W90 :** High performance synthetic lubricant, ideal for gearboxes and differentials of commercial vehicles and buses (WITHOUT integrated Intarder). It provides the same level of performance as the Amplex series, but with fully synthetic bases. Possesses API GL5 anti-wear properties and SAE 80W90 viscosity.
- **AMPLEX 75W110 :** High performance synthetic lubricant, ideal for gearboxes and differentials of commercial vehicles and buses (WITHOUT integrated Intarder). It provides the same level of performance as the Amplex series, but with fully synthetic bases. Possesses API GL5 anti-wear properties and SAE 75W110 viscosity.

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- **AMPLEX 80W140 :** High performance synthetic lubricant, ideal for differentials and reduction gear of commercial vehicles, diggers, and buses (WITHOUT integrated Intarder). It provides the same level of performance as the Amplex series, but with fully synthetic bases. Possesses API GL5 anti-wear properties and SAE 80W140 viscosity.
- **AMPLEX 250 :** High performance synthetic lubricant ideal for differentials and reduction gear of commercial vehicles, diggers, and buses (WITHOUT integrated Intarder). It provides the same level of performance as the Amplex series, but with fully synthetic bases. Possesses API GL5 anti-wear properties and SAE 250 viscosity.

SPECIFICATIONS AND LEVELS

- **75W : API GL4, API MT-1**
- **75W90 : API GL5 (ASTM D7450-08), API MT-1, MIL PRF-2105E, DAF, IVECO, ZF TE-ML 02B/05A/07A/08/12E/16B/16C/16D/17B/19B/21A, MB 235.0, MAN 341 TYPE Z-2/E-2, MAN 342 TYPE M-2**
- **80W90 : API GL5 (ASTM D7450-08), API MT-1, MIL PRF-2105E, DAF, IVECO, ZF TE-ML 02B/05A/07A/08/12E/16B/16C/16D/17B/19B/21A, MB 235.0, MAN 341 TYPE Z-2/E-2, MAN 342 TYPE M-2**
- **75W110:API GL5 (ASTM D7450-08), API MT-1, MIL PRF-2105E, DAF, IVECO, ZF TE-ML 02B/05B/07A/12B/16F/17B/19C/21B, MB 235.8, MAN 341 TYPE Z-2/E-3, MAN 342 TYPE M-3, MACK GO-J, SAE J2360**
- **80W140:API GL5 (ASTM D7450-08), API MT-1, MIL PRF-2105E, DAF, IVECO, ZF TE-ML 02B/05A/07A/08/12E/16B/16C/16D/17B/19B/21A, MB 235.0, MAN 341 TYPE Z-2/E-2, MAN 342 TYPE M-2**
- **250 : API GL5 (ASTM D7450-08), API MT-1, MIL PRF-2105E, DAF, IVECO, ZF TE-ML 02B/05A/07A/08/12E/16B/16C/16D/17B/19B/21A, MB 235.0, MAN 341 TYPE Z-2/E-2, MAN 342 TYPE M-2**

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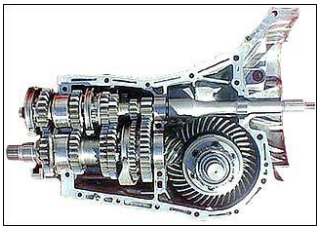

TECHNICAL CHARACTERISTICS

Product	Density (Kg/L)	Viscosity (cSt) (100°C)	Viscosity (mPa.s)	VI
75W	0.890-0.910	Min. 4.1	Max. 150000 at -40°C	160
75W90	0.890-0.910	13.5-18.5	Max. 150000 at -40°C	150
80W90	0.890-0.910	13.5-18.5	Max. 150000 at -26°C	approx. 125
75W110	0.890-0.910	18.5-24.0	Max. 150000 at -40°C	approx. 125
80W140	0.890-0.910	24.0-32.5	Max. 150000 at -26°C	approx. 120
250	0.910-0.920	Min. 41	Max. 150000 at -12°C	approx. 115

(The values shown above refer to normal industrial production.)

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