



Delo[®] Manual Transmission Fluid

Heavy Duty Automotive Manual Transmission Fluid

Product Data Sheet

Customer benefits

Longer transmission life

Advanced metallo-organic antiwear additive system delivers superior gear pitting resistance and bearing wear protection. Effective inhibitors protect precision parts from corrosion and rust.

Minimizes fleet maintenance costs

ISOSYN[®] technology, a combination of high performance hydrocracked base fluids and a specially developed additive package, provides superior resistance to varnish and deposit formation under all service conditions.

Prolonged oil service life

ISOSYN[®] base oil and thermally stable EP additive system provide outstanding resistance to fluid breakdown, enabling extended oil drain intervals.

Applications

- Volvo heavy-duty on-highway truck and bus manual transmissions.
- Other heavy-duty on-highway truck and bus manual transmission where Volvo 97305-89 fluids are suitable.

Product features:

- **Delo[®] Manual Transmission Fluid** is a premium performance heavy-duty manual transmission lubricant.
- **Delo[®] Manual Transmission Fluid** is formulated with ISOSYN[®] Technology





Product specifications

DELO®MANUAL TRANSMISSION FLUID KEY PROPERTIES	
SAE Grade	80W-90
Product Code	510112
Pour Point oC	-33
Viscosity, mm ² /s @ 40°C	132
mm ² /s @ 100°C	14.5
Viscosity Index	110

1302

Performance

- Volvo 97305-89 approval
- API GL-4

ENVIRONMENT, HEALTH and SAFETY

Information is available on this product in the Material Safety Data Sheet (MSDS) and Customer Safety Guide. Customers are encouraged to review this information, follow precautions and comply with laws and regulations concerning product use and disposal. To obtain a MSDS for this product, visit: www.CaltexDelo.com.

This bulletin was prepared in good faith from the best information available at the time of issue. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. It is the responsibility of the user to ensure that the products are used in the applications for which they are intended.

Produced by:
Chevron Lubricants
– Asia Pacific



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Service Considerations

Delo® Manual Transmission Fluid SAE 80W-90 has been designed and qualified for use in heavy-duty synchronized manual transmissions. Although it falls into the API GL-4 class, it is nevertheless not designed for nor intended for use in any spiral bevel or hypoid drive axles, which are the primary end-uses around which the API GL-4 category was developed. Delo Manual Transmission Fluid SAE 80W-90 is based upon detergent-zinc type additive technology, and so should not be mixed in service with conventional sulfur-phosphorus type EP gear oils, nor should it be used in any manual transmissions for which sulfur-phosphorus based fluids are specified.

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