



Product Information

FLEET GEAR 30, FLEET GEAR 50, FLEET TRANS C4

Codes: FG30020, FG30205, FG50020, FG50060, FG50205, FTC4020, FTC4205
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Multipurpose transmission, hydraulic and final drive oils manufactured from highly refined mineral oils and selected additives to provide excellent performance in a wide range of heavy duty equipment in both on and off highway service.

APPLICATION

Fleet-Trans C4 is recommended for use in Allison transmissions (except W series which must use Penrite Auto DX III) and in other transmissions that require SAE 10W engine oils. It is also ideally suited for hydraulic systems in equipment that require the use of ISO 32, ISO 46 or SAE 10W oils.

Fleet-Gear 30 is recommended for use in all Caterpillar transmissions that require SAE 30 grades, Komatsu Powershift and Allison (except W Series) transmissions in severe service or high ambient conditions. It is ideal for use in transmissions that require API CD or CF/SAE 30 oils and in Caterpillar/Komatsu final drives that require SAE 30 grades.

Fleet-Gear 50 is recommended for use in the final drives of Caterpillar equipment that specify this grade and in a wide range of manual transmissions that require CD50 engine oils and GL-1 90 to GL-3

90 gear oils. These include Dana-Spicer, Eaton Fuller (Roadranger) and Volvo.

CUSTOMER BENEFITS

- Wide application range allows for rationalisation of products.
- Longer equipment life can be obtained by using these products instead of engine oils as they are purpose designed and carry heavier loads.
- Longer oil life through enhanced oxidation stability, minimising degradation.

Fleet-trans C4 and Fleet-gear are not recommended for use in any engines, transmissions that require DEXRON, DEXRON II or DEXRON III (or other ATFs), or in gearboxes/final drives requiring API GL-4, GL-5, PG-2 performance levels or greater. Use the appropriate Penrite grades in these applications.

INDUSTRY SPECIFICATIONS

Allison C4 (Fleet-trans C4, Fleet-gear 30)	Caterpillar TO-4
Rockwell O-81 (Fleet-gear 50)	Komatsu
API GL-3	
API CF (where specified for transmissions)	
Vickers M-2950-S (Fleet-trans C4)	
Volvo 97305-90 and 1273.13 (Fleet-gear 50)	
ZF TE-ML01 (Fleet-gear 30 and 50)	
ZF TE-ML03 (Fleet-trans C-4 and Fleet-gear 30)	

Typical Properties

SAE Grade	FTC4	FG30	FG50
Density at 15°C, kg/L	10W	30	50
Viscosity, Kinematic, cSt	0.865	0.875	0.890
at 40°C	34	93	222
at 100°C	6.0	11.5	18.1
Viscosity Index	123	112	89
Viscosity, Cold Cranking @ -25 °C	3,005		
Zinc, mass %	0.109	0.109	0.109
Phosphorus, mass %	0.092	0.092	0.092

Environment, Health and Safety

Information is available by request on this product in the Penrite Material Safety Data Sheet. Information in this sheet is based on the most current information available. Minor variations to typical properties not affecting the performance of the product are to be expected in normal manufacture.