



# FLEET GEAR 10, FLEET GEAR 30, FLEET GEAR 50

# PENRITE

Product Code:	Pack Size:	Product Code:	Pack Size:	Product Code:	Pack Size:
FG10020	20 Litre	FG30020	20 Litre	FG50020	20 Litre
				FG50060	60 Litre
FG10205	205 Litre	FG30205	205 Litre	FG50205	205 Litre
FG101000LTR	1000 Litre	FG301000LTR	1000 Litre	FG501000LTR	1000 Litre

**Issue: April 2013**

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 Gear 10 (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.

### Industry Specifications

Komatsu  
 Caterpillar TO-4  
 Allison C4 (Fleet-Gear 10, Fleet-Gear 30)  
 Vickers M-2950-S (Fleet Gear 10)  
 ZF TE-ML01 (Fleet Gear 30 and 50)

API GL-3  
 API CF (where specified for transmissions)  
 Rockwell O-81 (Fleet-Gear 50)  
 Volvo 97305-90 and 1273.13 (Fleet-Gear 50)  
 ZF TE-ML03 (Fleet-Gear 10 and Fleet-Gear 30)

### Typical Data

	FG10	FG30	FG50
SAE Grade	10W	30	50
Density at 15°C, kg/L	0.865	0.875	0.890
Viscosity, Kinematic, cSt			
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



Information in this sheet is based on recent production. Minor variations to typical properties are expected in normal manufacture and do not affect product performance. An MSDS is available on request.

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