



PENRITE

FLEET-GEAR 50

Heavy Duty Transmission Oil

Issue: May 2015

PRODUCT CODE	PACK SIZE
FG50020	20 Litre
FG50060	60 Litre
FG50205	205 Litre
FG501000LTR	1000 Litre



Description

Fleet Gear 50 is a multipurpose transmission, hydraulic and final drive oil 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 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.

Fleet-Gear 50 has extremely high load carrying ability to protect heavily loaded gears and bearings. In addition it also provides controlled friction to assure quick lock up of clutches and discs in power shift transmissions. This reduces heat and wear.

Fleet-Gear 50 is completely compatible with all transmission materials.

Product Benefits

- Wide application range allows for rationalisation of products
- Longer equipment life
- Designed for heavier load than engine oils
- Longer oil life through enhanced oxidation stability
- Minimises degradation of equipment.

Industry Specifications

Komatsu
Caterpillar TO-4
Rockwell O-81
ZF TE-ML01

API GL-3
API CF (where specified for transmissions)
Volvo 97305-90 and 1273.13

Typical Data

SAE Grade	50
Density at 15°C, kg/L	0.883
Viscosity, Kinematic, cSt	
at 40°C	192
at 100°C	19.1
Viscosity Index	113
Zinc, mass %	0.109
Phosphorus, mass %	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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