



Product Information

UNIVERSAL FARM OIL

SAE 20W-40 Super Tractor Universal Oil (STOU) manufactured from advanced multi-functional additives and highly refined base oils.

APPLICATION

Designed for use in diesel and petrol engines, transmissions, hydraulics, PTOs, and some final drives of farm tractors and construction equipment.

It is an ideal lubricant to

CUSTOMER BENEFITS

- Reduces inventory holding as one oil can be used for most applications, also lessening the chance of mis-application.
- Can reduce wet brake squawk in rear axles where normal tractor transmission oils have been used previously.
- Can be used in many diesel engines (up to API CG-4 performance).

SPECIFICATIONS*

Penrite Universal Farm Oil meets the requirements of:

ENGINE

API CG-4/CD/SJ
ACEA E1/E2
MB 227.1
MAN 271
MIL-L-2104D
MF 1141

STOU

MF 1139
Ford M2C 159B
John Deere JDM J27
ZF TE ML 06:07
Ford M2C 86A

GEAR/TRANSMISSION/HYDRAULIC

API GL-4
Allison C-4
Caterpillar T0-2
Ford M2C-134C/D, M2C159C
Volvo BM
John Deere JD20 A/C/D
Case MS 1206/1207/1210/1230
New Holland 420A
ZF TE ML 03
Vickers 104c Pump
Sundstrand JDQ 84
MF 1135/1143

** Universal Farm Oil may not meet some viscometric requirements of all specifications but is expected to perform the same function in typical Australian climatic conditions.*

Typical Properties

SAE Engine Oil Viscosity	20W-40
SAE Gear Oil Viscosity	85W-90
Density at 15°C, kg/L	0.898
Flash Point, °C	218
Viscosity, Kinematic, cSt at 40°C	131
at 100°C	14.3
Viscosity Index	108
Cold Cranking Viscosity, cP at -15°C	8260
Sulphated Ash, mass %	1.38
Phosphorus, mass %	0.137
Calcium, mass %	0.337
	Zinc, mass % 0.12

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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.

Issued September 2005