

CANMORE SYN GEAR FULL SYNTHETIC GEAR OIL

MEETS OR EXCEEDS

- US Steel 222 and 224
- AGMA 250.04 and 9005-D94
- DIN 51517, part 3
- David Brown S1.53 101
- Cincinnati-Milacron P-35, P-59, P-63, P-74, P-76, P-77, P-78
- FZG Load Stage 12 Pass

Synthetic oils have a degree of natural 'multi-grading', **CANMORE SYN GEAR** oils offer a wider operating temperature range than the equivalent grades of mineral-based gear oils. This can be important in applications where low temperature startup may be needed or where there is a wide variation in ambient temperatures.

CANMORE SYN GEAR oils have highly effective EP additives to prevent the welding and transfer of metal between the contact surfaces of heavily-loaded gear teeth. This reduces the possibility of damage to the gear surfaces even when shock loading is present.

CANMORE SYN GEAR oils are non-corrosive to gearbox and bearing materials and will prevent the rusting of ferrous (iron containing) metals. They also separate readily from water allowing it to settle to the bottom of the gearbox where it can be drained away. Water mixed with the oil would reduce its lubricating ability and act as a promoter of oxidation and other degenerative processes.

CANMORE SYN GEAR is not recommended where constant operating temperatures exceed 100°C. In the appropriate grades, these oils are recommended for all types of gear sets except automotive differentials: in these applications, we recommend Canmore SYN HDH.

SIZES

SYN GEAR 150	SYN GEAR 220
18.9 Litre	18.9 Litre
205 Litre	N/A

FEATURES & BENEFITS

- Long life – extended drain intervals.
- Compatible with mineral gear oils.
- Excellent stability.
- Wide choice of grades available
- Top level performance.
- Non corrosive to yellow metal.
- Non foaming.

TYPICAL RESULTS

GRADE	SYN GEAR 150	SYN GEAR 220
SAE GRADE	4EP	5EP
VISCOSITY (D-445) cSt @ 40 °C cSt @ 100 °C	151.3 20.3	217.4 27.6
VISCOSITY INDEX (D-2270)	156	163
POUR POINT (°C) (D-97)	-36	-33
DENSITY @ 15°C (D-4052) Kg/l	0.8691	0.8694
FLASH POINT (°C) (D92)	274	260
TIMKEN LOAD (D-2782) (KG)	36.2	36.2
FZG LOAD STAGE	12	12
4-BALL EP (D-2783) LD. WEAR INDEX (Kg)	51	51

If you have any questions on this product, please consult your account representative at any time.

You should always consult your Owners Manual when selecting any lubricant product. Check with your sales Representative for latest product approvals. Please note, these are typical performance indicators and can change without notice.

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