

Gazpromneft MGT 0W-20

Transmission and Drivetrain Lubricant

 Versatility	 Powershift transmissions	 Hydraulic systems
 Friction control	 Excellent low temperature performance	 Synthetic

Gazpromneft MGT 0W-20 is high performance, heavy duty transmission and drivetrain oil formulated to optimize the performance of powershift transmissions, gearboxes, and final drives. Formulated with PAO synthetic base oils and an advanced additive package it provides maximum capacity of construction, quarrying, and mining equipment operating in severe conditions. In hydraulic applications, they provide maximum protection even in high pressure systems. Specially engineered for extremely cold climate.

Applications

- Heavy duty transmissions, gear boxes, final drives, and hydraulic systems used in off-highway applications
- Off-highway industries including: mining, construction, quarrying, and agriculture
- Powershift transmissions, hydraulic systems, oil-immersed brakes
- Power takeoff systems, differential units, final drives
- Not applicable for unites where UTTO oils are specified

Features	Advantages and Potential Benefits
Excellent low temperature performance	Low temperature pumpability reduced time from start-up to production. Excellent protection for components during extreme cold temperature operation.
Excellent thermal and oxidation stability	Neutralizes acids formed from combustion or oil degradation, protects against high-pressure pump wear for long engine life
Balanced static and dynamic friction coefficients	Optimized clutch-friction retention and slippage control
Increased anti-wear protection	Reduced gear wear and extended life in transmissions, gearboxes, and final drives
Low foaming	Provide efficient hydraulic power transfer to prolong equipment life

Meets the requirements:

- Allison C-4
- Caterpillar TO-2
- Caterpillar TO-4
- Sperry Vickers/Eaton M2950S

Typical Characteristics

Properties	Method	Gazpromneft MGT 0W-20
SAE Viscosity Grade		0W-20
Kinematic Viscosity @40°C, mm ² /s	ASTM D445	30,6
Kinematic Viscosity @100°C, mm ² /s	ASTM D445	6,5
Viscosity Index	ASTM D2270	175
Brookfield @ -40 °C, mPa·s	ASTM D2983	7000
Flash Point (COC), °C	ASTM D92	226
Pour Point, °C	ASTM D97	-58
Density @15°C, kg/m ³	ASTM D4052	854

Health, Safety & Environment

Information is provided for products in the relevant Safety Data Sheet (SDS). This provides guidance on potential hazards, precautions and first-aid measures, together with environmental effects and disposal of used products. SDS's are available upon request through your sales contract office. This product should not be used for purposes other than its intended use.