

## G-Special TO-4 Arctic 0W-20

High Performance Transmission and Drivetrain Lubricants

**G-Special TO-4 Arctic 0W-20** is high performance, heavy duty transmission and drivetrain lubricant formulated to optimize the performance of powershift transmissions, gearboxes, and final drives. In hydraulic applications, they provide maximum protection even in high pressure systems. It made from synthetic base oils and an advanced additive package to provide maximum capacity of construction, quarrying, and mining equipment operating in severe conditions. 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.
Balanced static and dynamic friction coefficients	Optimized clutch-friction retention and slippage control
Excellent thermal and oxidation stability	Neutralizes acids formed from combustion or oil degradation, protects against high-pressure pump wear for long engine life
Increased levels of anti-wear capability	Reduced gear wear and extended life in transmissions, gearboxes, and final drives
Reliable share stability	Ensure consistent viscosity throughout fluid service life
Compatible with modern clutch materials and elastomers	Longer clutch life and higher performance

### Meets the requirements:

- Caterpillar TO-4
- Allison C-4
- Komatsu Micro-Clutch
- Vickers 35VQ25

### Typical Characteristics

Properties	G-Special TO-4 Arctic 0W-20	Method
SAE Viscosity Grade	0W-20	
Kinematic Viscosity @ 40°C, mm <sup>2</sup> /s @ 100°C, mm <sup>2</sup> /s	33,8 6,9	ASTM D 455
Viscosity Index	170	ASTM D 2270
Brookfield Viscosity @ -55°C, mPa·s	66000	ASTM D 2983
Flash Point (COC), °C	208	ASTM D 92
Pour Point, °C	-60	ASTM D 97
Density @ 15°C, kg/m <sup>3</sup>	858	ASTM D 4052

### 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.