



# Product Specification and Technical Data

**PRODUCT: BG Syncro Shift® II**  
Full Synthetic Gear Lubricant SAE 75W-80 API GL-4

**PART NO.: 792**

TEST DATA: Test	ASTM Test Method	Typical Test Results
API Gravity @ 15.6°C (60°F)	D 287	33.7
Specific Gravity @ 15.6°C (60°F)	D 1298	0.8567
Density,		
U.S. lbs./gal. @ 15.6°C (60°F)	D 1250	7.142
Flash Point, COC	D 92	218°C (424°F)
Viscosity, cSt @ 40°C (104°F)	D 445	45.52
Viscosity, cSt @ 100°C (212°F)	D 445	8.00
Viscosity Index	D 2270	149
Viscosity, cP @ -40°C (-40°F)	D 2983	46,175
Pour Point	D 97	-43°C (-45°F)
Color	Visual	Amber

**PROBLEM:** Automatic transmission fluids (ATF's) and other light lubricants are often recommended for use in transfer case, manual transmission, and trans-axle applications. Due to their light viscosity and low film strength these fluids do not fully protect all components. Manual transmissions and trans-axles in particular, induce severe fluid shearing, greatly sacrificing wear protection.

**SOLUTION:** BG Syncro Shift®II Full Synthetic Gear Lubricant is specially formulated for manual transmissions, trans-axles and transfer cases. It is a full synthetic API GL-4 gear lubricant blended to SAE 75W-80 viscosity to provide unmatched film strength and wear protection. It provides exceptional resistance to mechanical shearing, and has excellent low temperature fluidity. Safe for all steel, brass and copper alloys. BG Syncro Shift®II may be effectively used in all domestic and foreign vehicles, where engine oil, ATF or GL-4 gear oil is specified as "service fill" for manual transmissions. It is truly a universal fill for these applications. Compatible and suitable for use where GM Auto Trak I and II, GM Versa Trak, GM Synchronesh, GM PN 12345349 (specification 9985648), Mopar P/N 05016796AB, Ford PN D80Z19C547A, PN ESRY19C547A, Honda Dual Pump, Honda VTM-4 and Mercedes Benz PN 900260315 are specified.

**BENEFITS:** BG Syncro Shift®II provides exceptional thermal stability along with outstanding extreme pressure characteristics. The special additive chemistry contained in BG Syncro Shift®II does not sacrifice any performance characteristics as does ATF or other low viscosity fluids.

**USAGE:** BG Syncro Shift®II may be effectively used in all domestic and foreign vehicles where ATF or other OEM oil is specified for use in manual transmissions, transfer cases, and trans-axles. Use quantity in accordance with manufacturer's recommendations.

BG Products, Inc., accepts no liability for excessive use or misuse of this product.