



SHIFT EXTRA EXTREME PRESSURE AUTOMOTIVE GEAR OIL

PRODUCT DESCRIPTION:

Shift Extra is a high quality gear lubricant blended from solvent-refined mineral base oils and selected sulphur and phosphorous chemical additives. Due to its high shear stability, it provides excellent protection for gears and can be used over a wide range of temperature.

APPLICATION:

Shift Extra is recommended for the type of service characteristics of gears, particularly hypoid, in passenger cars and other automotive type equipment, operated under high speed, low torque and low-speed/high torque conditions.

FEATURES & BENEFITS:

- Excellent lubrication without channeling at low temperatures
- Superior protection against rusting, pitting and corrosion
- Suitable for heavy-duty service in truck and bus gears operating at high temperatures
- Provides good protection against wear
- Formulated for automotive high speed gears

PERFORMANCE LEVELS / MEETS OR EXCEEDS:

SAE GRADES	90	140	80W-90	85W-90	80W-140	85W-140	75W-90
API	GL-4	GL-4	GL-4	GL-4	GL-4	GL-4	GL-4
MIL	MIL-L-2105B	MIL-L-2105B	MIL-L-2105B	MIL-L-2105B	MIL-L-2105B	MIL-L-2105B	MIL-L-2105B

* Phosphorus limit exceeds.

TYPICAL PERFORMANCE:

PARAMETERS	ASTM	UNIT	SHIFT EXTRA						
			90	140	80W-90	85W-90	80W-140	85W-140	75W-90
KV @ 104°F / 40°C	D7042	cSt	200.0	405.1	142.0	200	225	405.0	86.1
KV @ 212°F / 100°C	D7042	cSt	17.5	28.3	15.6	17.5	28.5	28.2	14.4
Viscosity Index	D2270	-	96	97	114	96	165	96	174
SP. Gravity @ 15°C	D4052	g/cm ³	0.899	0.902	0.895	0.899	0.880	0.905	0.845
Flash Point (min)	D92	°C	230	236	220	230	218	234	214
Pour Point (max)	D97	°C	-9	-9	-27	-15	-27	-12	-42
Brookfield Viscosity	D2983	cp	-	-	90,000 (-26C)	100,000 (-12C)	110,000 (-12C)	120,000 (-26C)	135000 (-40C)



HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further Information on Safety Guidelines please refer to MSDS available on our website www.lubrex.net

HEALTH & SAFETY:

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet www.lubrex.net

PROTECT THE ENVIRONMENT:

Take used oil to an authorized collection point. Comply with local regulation. Do not discharge into drains, soil or water.

STORAGE:

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

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