



## MAXSHIFT EXTRA

### EXTREME PRESSURE AUTOMOTIVE GEAR OIL

#### PRODUCT DESCRIPTION:

MAXSHIFT EXTRA is a premium gear and transmission lubricant formulated with solvent-refined mineral base oils and advanced sulfur-phosphorus additive technology. These lubricants offer exceptional shear stability, delivering outstanding gear protection and reliable performance across a wide temperature range. Suitable for a variety of applications, they ensure durability and efficiency under demanding operating conditions.

#### APPLICATION:

MAXSHIFT EXTRA is recommended for automotive transmission and gear where API GL-4 performance is required. It's also suitable for 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 MEET 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

#### TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	MAXSHIFT EXTRA						
			90	140	80W-90	85W-90	80W-140	85W-140	75W-90
KV@ 104°F /40°C	D7042	cSt	TBR	TBR	TBR	TBR	TBR	TBR	TBR
KV@212°F /100°C	D7042	cSt	17.5	28.3	15.6	17.5	28.5	28.2	14.4
Viscosity Index (min)	D2270	-	95	95	140	140	140	140	140
Density@15°C	D4052	g/cm <sup>3</sup>	TBR	TBR	TBR	TBR	TBR	TBR	TBR
Flash Point (min)	D92	°C	200	200	200	200	200	200	200
Pour Point (max)	D97	°C	-9	-9	-27	-15	-27	-12	-42
Brookfield Viscosity	D2983	cp	-	-	<150,000 (-26C)	<150,000 (-12C)	<150,000 (-12C)	<150,000 (-26C)	<150,000 (-40C)

**DISCLAIMER:** The test data presented above is indicative and not a strict specification, as it may vary within acceptable production tolerances. Internal reserves the right to update or modify this test data. For the most accurate and current information, please refer to the latest version of this Technical Data Sheet (TDS).

#### HEALTH & SAFETY, ENVIRONMENT:

Continuous or repeated exposure to oil may lead to skin problems. Avoid contact with the oil. In case of contact, wash thoroughly with soap and water. Do not dispose of used oil in drains or the environment. Dispose of it at an authorized used oil collection point. For additional safety information, please refer to the MSDS available on our website at [www.internal.net](http://www.internal.net).

#### PROTECT THE ENVIRONMENT:

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