



AURA XL

EXTREME PRESSURE AUTOMOTIVE GEAR OIL

PRODUCT DESCRIPTION:

AURA XL is a high-performance sulfur-phosphorus, extreme pressure gear lubricant formulated with premium base stocks, friction modifiers, and corrosion inhibitors. It meets the requirements of API GL-5 and various other manufacturer specifications. This lubricant is designed to deliver exceptional extreme pressure protection and thermal stability, making it ideal for automotive applications under heavy-duty conditions and across a wide temperature range. It ensures optimal gear performance and long-lasting protection in demanding environments.

APPLICATION:

AURA XL oils are primarily recommended for use in spiral bevel and hypoid differentials, power dividers, and transmissions that require EP gear lubricants under high-speed, high-load, high-torque, and high-horsepower conditions. These oils meet or exceed the quality standards of several leading vehicle manufacturers, including IVECO, MAN, SCANIA, and VOLVO, making them ideal for heavy vehicle rear axles and final drive units. AURA XL provides exceptional protection and performance, ensuring the longevity and reliability of critical drivetrain components in demanding environments.

FEATURES & BENEFITS:

- Extreme pressure properties protect hypoid and other types of gears from scuffing and wear.
- Superior thermal and oxidative stability.
- High safety margin against foaming and corrosion.
- Protects against oil seal deterioration.

PERFORMANCE LEVELS / MEETS OR EXCEEDS:

SAE GRADES	90	140	80W-90	85W-90	80W-140	85W-140	75W-80	75W-90
API	GL-5	GL-5	GL-5	GL-5	GL-5	GL-5	GL-5	GL-5
MIL	MIL-L-2105D	MIL-L-2105D	MIL-L-2105D	MIL-L-2105D	MIL-L-2105D	MIL-L-2105D	MIL-L-2105D	MIL-L-2105D
MAN	342 M2	-	342 M2	342 M2	-	-	342 M2	342 M2
ZF	12E/16B 16C/17B 19B/21A	16D	12E/16B 16C/17B 19B/21A	12E/16B 16C/17B 19B/21A	12E/16C 16D/21A	12E/16C 16D/21A	12E/16B16C 17B/21A	12E/16B16C 17B/21A

TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	AURA XL							
			90	140	80W-90	85W-90	80W-140	85W-140	75W-80	75W-90
KV@ 104°F /40°C	D7042	cSt	TBR	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	9.8	14.4
Viscosity Index (min)	D2270	-	95	95	140	140	140	140	140	140
Density@15°C	D4052	g/cm3	TBR	TBR	TBR	TBR	TBR	TBR	TBR	TBR
Flash Point (min)	D92	°C	200	200	200	200	200	200	200	200
Pour Point (max)	D97	°C	-9	-9	-27	-15	-27	-12	-42	-42
Brookfield Viscosity	D2983	cp	-	-	<150,000 (-26C)	<150,000 (-12C)	<150,000 (-12C)	<150,000 (-26C)	<150,000 (-40C)	<150,000 (-40C)

DISCLAIMER: The test data presented above is for reference only and not a specification. It may vary within acceptable production tolerances. Alpha reserves the right to update this data, with the latest version of the Technical Data Sheet (TDS) taking precedence over previous versions.

HEALTH & SAFETY, ENVIRONMENT:

Extended and repeated exposure to oil may lead to skin issues. Avoid contact. If contact occurs, wash immediately with soap and water. Do not dispose of used oil in drains or the environment. Instead, take it to an authorized oil collection facility. For more safety information, please refer to the MSDS available on our website: www.alphaoil.ae

HEALTH & SAFETY:

When used correctly in the recommended application and with proper personal hygiene, this product is unlikely to pose significant health or safety risks. For detailed safety information, refer to the Safety Data Sheet (SDS), available upon request from your local sales office or online. www.alphaoil.ae

PROTECT THE ENVIRONMENT:

Dispose of used oil at an authorized collection point. Follow local regulations and avoid releasing it into drains, soil, or water.

STORAGE:

We recommend storing all packages under cover. If outdoor storage is necessary, drums should be placed horizontally to prevent water ingress and protect drum markings. Products should not be stored above 60°C or exposed to direct sunlight or freezing conditions.