



SYNGEAR ULTRA

EXTREME PRESSURE AUTOMOTIVE GEAR OIL

PRODUCT DESCRIPTION:

SYNGEAR ULTRA is a superior sulfur-phosphorus, extreme pressure gear lubricant formulated with premium quality base stocks, friction modifiers, and corrosion inhibitors, meeting the requirements of API GL-5 as well as many other manufacturer specifications. These oils are formulated to produce a superior gear lubricant with extreme pressure characteristics and thermal stability for automotive applications over a wide range of temperatures and heavy-duty conditions.

APPLICATION:

SYNGEAR ULTRA oils are primarily recommended for utilization in spiral bevel and hypoid differentials, power dividers, and transmissions that necessitate extreme pressure (EP) gear lubricants in high-speed, high-load, high-torque, and high-horsepower conditions. SYNGEAR ULTRA surpasses the quality standards stipulated by various heavy vehicle manufacturers like IVECO, MAN, SCANIA, and VOLVO for rear axles and final drive units, ensuring optimal performance and reliability.

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-90
API	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
MAN	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

TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	SYNGEAR ULTRA						
			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/cm3	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 provided is not a final specification; rather, it serves as a guideline and may vary within acceptable production tolerances. Bravoil reserves the right to modify this test data. Any updates will supersede previous versions, so please refer to the most recent Technical Data Sheet (TDS).

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.bravoil.ae

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.bravoil.ae

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.