



SYNGEAR HD PLUS

HIGH-PERFORMANCE HEAVY DUTY GEAR OIL

PRODUCT DESCRIPTION:

Syngear HD Plus oils are synthetic drivetrain lubricants specifically formulated to meet the rigorous demands of extended drain intervals. They are designed for heavy-duty drivetrains that require gear lubricants with exceptional load-carrying capacity, especially in situations with extreme pressures and shock loading. With a synthetic base stock and advanced additives, Syngear HD Plus provides outstanding performance in both low and high temperature applications. It offers protection against thermal degradation and oxidation, minimizes wear and corrosion, ensures improved shear stability, and enables extended service life.

APPLICATION:

Syngear HD Plus oils not only meet the stringent API service MT-1/GL-5 EP gear oil service classification but are also recommended for use in applications that require adherence to the MIL-PRF-2105E specification. This ensures that these oils provide high-performance lubrication and protection for a wide range of demanding applications, including heavy-duty drivetrains.

FEATURES & BENEFITS:

- Exceptional thermal stability and resistance to high temperature oxidation
- Outstanding protection against wear and scoring
- Exceptional shear stability
- Outstanding low temperature fluidity
- Excellent rust, staining and corrosion protection
- Increased load-carrying capability
- Good resistance to foaming
- Compatible with typical automotive seals and gaskets

PERFORMANCE LEVELS / MEETS OR EXCEEDS:

SAE GRADES	75W-90	80W-90	80W-140
API	GL-5/ MT-1	GL-5/ MT-1	GL-5/ MT-1
SAE	J2360	J2360	J2360
MACK	GO-J PLUS	GO-J PLUS	GO-J PLUS
MIL-PRF	2105E	2105E	2105E
MB	235.8	-	-
EATON	PS-163	-	-

TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	SYNGEAR HD PLUS		
			75W-90	80W-90	80W-140
KV@ 104°F /40°C	D7042	cSt	TBR	TBR	TBR
KV@212°F /100°C	D7042	cSt	15.9	15.6	31
Viscosity Index (min)	D2270	-	140	140	140
Density @15°C	D4052	g/cm3	TBR	TBR	TBR
Flash Poin	D92	°C	200	200	200
Pour Point	D97	°C	-42	-27	-36
Brookfield Viscosity	D2983	cp	<150,000 (-40C)	<150,000 (-26C)	<150,000 (-26C)

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.