



SHIFT ULTRA HD PLUS HIGH-PERFORMANCE HEAVY DUTY GEAR OIL

PRODUCT DESCRIPTION:

Shift Ultra HD Plus oils are synthetic drivetrain lubricants engineered to meet the most demanding extended drain requirements. These products are designed for use in heavy-duty drivetrains that require gear lubricants with excellent load-carrying capability and where extreme pressures and shock loading are expected. Synthetic base stock and advanced additives in Shift Ultra HD Plus delivers unsurpassed performance for low and high temperature applications, protection against thermal degradation and oxidation, reduced wear and corrosion, improved shear stability and extended service capability.

APPLICATION:

Shift Ultra HD Plus oils meet the requirements of API service MT-1/GL-5 EP gear oil service classification and recommended for use in applications requiring the MIL-PRF-2105E specification.

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	SHIFT ULTRA 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/cm ³	TBR	TBR	TBR
Flash Point	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 above is not a specification but is indicative and may vary within permissible production tolerances. Lubrex reserves the right to modify this test data. Updated information will supersede previous versions, so please refer to the latest version of this 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.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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