



SPIRAL LSD

LIMITED-SLIP DIFFERENTIAL GEAR OIL

PRODUCT DESCRIPTION:

Spiral LSD is a premium quality automotive gear lubricant engineered for use in modern high-performance passenger cars, sports utility vehicles, vans, and light-duty trucks with limited slip differentials. It is manufactured with high-quality solvent-refined base stocks, EP additives, and friction modifiers to provide exceptional protection against thermal degradation, component wear, and oil seal deterioration for extended service life. The special friction modifier used in this oil helps eliminate chatter and improves traction besides retaining the frictional properties for longer service life. It also offers effective protection against oxidation degradation and rust & corrosion.

APPLICATION:

Spiral LSD is recommended for Limited-Slip differentials of modern high-performance passenger cars, sports utility vehicles, vans and light duty trucks requiring API GL-5/MT-1 quality oils..It is miscible and compatible with conventional branded gear oils. However, intermixtures with other gear oils should be avoided in order to fully utilise the product's benefits.

FEATURES & BENEFITS:

- Very good wear protection, even under severe conditions, prolongs component life.
- Optimized and stable friction characteristics for effective operation of limited slip differentials throughout the drain interval.
- Exceptional load-carrying capability
- Effective rust and corrosion protection
- Good anti-foam properties for effective lubrication.

PERFORMANCE LEVELS / MEETS OR EXCEEDS:

SAE GRADES	90	80W-90	85W-90	85W-140	75W-90	75W-140
API	GL-5	GL-5/ MT-1	GL-5	GL-5/ MT-1	GL-5/ MT-1	GL-5/ MT-1
MIL	PRF-2105D	PRF-2105D	PRF-2105E	PRF-2105E	PRF-2105E	MIL-L-2105B
SAE	-	-	-	GO-J	-	-
MACK	-	GO-J	-	-	-	-
ZF	05C/12C/16E/21C	-	05C/12C/16E/21C	-	02B/12B/21B/05B/16F/05D(LS)/17B/07A/19C	05B/16F/05D LS/17B/07A/12B
FORD	-	M2C-119A	-	-	-	-

TYPICAL PERFORMANCE:

PARAMETERS	ASTM	UNIT	SPIRAL LSD					
			90	80W-90	85W-90	85W-140	75W-90	75W-140
KV@ 104°F /40°C	D7042	cSt	TBR	TBR	TBR	TBR	TBR	TBR
KV @ 212°F /100°C	D7042	cSt	16.0	15.0	16.0	27	14.2	24.7
Viscosity Index	D2270	-	96	100	97	96	169	174
Density @15°C	D4052	g/cm3	TBR	TBR	TBR	TBR	TBR	TBR
Flash Point (min)	D92	°C	220	220	224	230	220	228
Pour Point (max)	D97	°C	-12	-27	-	-18	-42	-42

DISCLAIMER:

The test data mentioned above is not a definitive specification but serves as an indication and may fluctuate within acceptable production tolerances. Venom retains the right to alter this test data. Any updated information will replace previous versions, so please consult the latest Technical Data Sheet (TDS).

HEALTH & SAFETY, ENVIRONMENT:

Extended and repeated exposure to oil can lead to skin conditions. Please avoid contact. If you do come into contact with oil, wash the affected area immediately with soap and water. Do not dispose of used oil down drains or into the environment; instead, take it to an authorized used oil collection point.

HEALTH & SAFETY:

This product is unlikely to pose significant health or safety risks when used properly in the recommended application and with good personal hygiene practices. For more information, please refer to the Safety Data Sheet (SDS), which is available upon request from your local sales office.

PROTECT THE ENVIRONMENT:

Please take used oil to an authorized collection point and adhere to local regulations. Do not discharge it into drains, soil, or water.

STORAGE:

We recommend storing all packages in a covered area. If outdoor storage is necessary, drums should be positioned horizontally to prevent water ingress and protect the markings. Products should never be stored above 60°C or exposed to direct sunlight or freezing temperatures.