



SPUR HD

PRODUCT DESCRIPTION:

SPUR HD are synthetic PAO based gear oils blended to provide outstanding protection in industrial gear systems. SPUR HD oils are designed for use in a wide range of applications, including reduction gearboxes, direct drives, angle drives, chain drives, gear couplings, hoist/winch gearboxes, screw feeder gearboxes, travel gearboxes, swing gearboxes, turret heads, work heads, centralised circulation systems. They contain an advanced additive system designed to provide excellent protection against scuffing as well as a high level of resistance against micro pitting fatigue.

APPLICATION:

Typical applications include: Modern, highly loaded gearboxes used in the paper, steel, oil, textile, lumber and cement industries where gear protection and optimum oil life are required.

FEATURES & BENEFITS:

- Superb protection from micropitting fatigue wear as well as high resistance to traditional scuffing wear
- Excellent resistance to degradation at high temperatures
- High viscosity index
- Excellent resistance to rust and corrosion
- Excellent shear stability
- Excellent seal compatibility

PERFORMANCE LEVELS: Meets and Exceeds:

- US STEEL 224
- AGMA 250.04
- DAVID BROWN TABLE E 2E-9E

TYPICAL PROPERTIES:

PARAMETERS	TEST METHOD	UNIT	SPUR HD							
			68	100	150	220	320	460	680	1000
ISO VG										
Kinematic Viscosity @ 104°F /40°C	ASTM D-7042	cSt	TBR	TBR	TBR	TBR	TBR	TBR	TBR	TBR
Kinematic Viscosity @ 212°F /100°C	ASTM D-7042	cSt	10.42	14.18	22.2	30.4	40.6	54.1	75.5	99.4
Viscosity Index	ASTM D-2270	-	141	145	176	180	181	184	192	192
Flash Point (min)	ASTM D-92	°C	220	230	233	233	233	234	234	234
Pour Point (max)	ASTM D-97	°C	-45	-45	-45	-39	-33	-27	-27	-24
4 Ball EP Test - Weld Load	ASTM D-2783	kgf	200	200	200	200	200	200	200	200
4 Ball EP Test - Load Wear Index	ASTM D-2783	kgf	51	51	51	51	51	51	51	51

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.