



Technical Data Sheet

- EXTRA PROTECTION
- STANDARD APPLICATION

Pure Tech GearTech S2 100

Industrial Gear Oils

GearTech S2 100 oils are high quality extreme-pressure oils designed primarily for the lubrication of heavy duty industrial gears. Their high load carrying capacity and anti-friction characteristics combine to offer superior performance in gears.

PERFORMANCE, FEATURES & BENEFITS

- **Long oil life – Maintenance saving:** GearTech S2 100 oils are formulated to resist thermal and chemical breakdown throughout the maintenance interval. They withstand high thermal loading and resist the formation of sludge to provide extended oil life capability, even with bulk oil temperatures of up to 100°C in certain applications.
- **Excellent wear & corrosion protection:** Excellent load carrying capacity reduces gear tooth and bearing wear on steel components. GearTech S2 100 has excellent corrosion protection, protecting steel components, even in the presence of contamination by water and solids.

MAIN APPLICATIONS

- GearTech S2 100 oils are suitable for lubrication of bearings and other components in circulating and splash-lubricated systems.
- **Enclosed industrial gear systems:** GearTech S2 100 oils are formulated using an effective sulphur-phosphorus additive system to provide an extreme pressure performance which allow trouble-free application in most enclosed industrial gearboxes using steel spur and helical gears.

TYPICAL PHYSICAL CHARACTERISTICS

PROPERTIES			METHOD	GEARTECH S2 100
ISO Viscosity Grade			ISO 3448	100
Kinematic Viscosity	@40°C	mm ² /s	ISO 3104	100
Kinematic Viscosity	@100°C	mm ² /s	ISO 3104	11.4
Viscosity Index			ISO 2909	100
Density	@15°C	kg/m ³	ISO 12185	891
Flash Point (COC)			ISO 2592	240
Pour Point			ISO 3016	-24

HEALTH, SAFETY & ENVIRONMENT

Health and Safety

Pure Tech GearTech S2 100 is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.

