



## Technical Data Sheet

- EXTRA PROTECTION
- Against contamination
- Against oxidation
- Against micropitting

# Pure Tech GearTech S2 320

Industrial Gear Oils

GearTech S2 320 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

- **Handling Contamination and hence maintaining system efficiency:** GearTech S2 320 oils display a combination of excellent water shedding capability and low foaming tendency. The oils are designed to minimize the potential for foaming in the most testing of environments.

GearTech S2 320 oils have excellent water separation properties, such that excess water can be drained easily from lubrication systems to help extend the life of the gears and ensure efficient lubrication of the contact areas.

- **Long oil life through Oxidation stability – leading to maintenance saving:** GearTech S2 320 oils are formulated to reduce the risk of 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.

### MAIN APPLICATIONS

- **Enclosed industrial gear systems:** GearTech S2 320 technology provides an extreme EP system which allows trouble-free application in most enclosed industrial gearboxes using steel spur and helical gear drives with circulation or splash lubrication systems.
- **Highly loaded gears:** GearTech S2 320 oils have an effective full extreme pressure (EP) additive system allowing them to be used in highly-loaded gear systems.
- GearTech S2 320 oils are suitable for lubrication of bearings and other components in circulating and splash-lubricated systems.

### TYPICAL PHYSICAL CHARACTERISTICS

PROPERTIES			METHOD	GEARTECH S2 320
Kinematic Viscosity	@40°C	mm <sup>2</sup> /s	ISO 3104	320
Kinematic Viscosity	@100°C	mm <sup>2</sup> /s	ISO 3104	24.4
Viscosity Index			ISO 2909	97
Flash Point (COC)		°C	ISO 2592	>250
Pour Point		°C	ISO 3016	-15
Density	@15°C	kg/m <sup>3</sup>	ISO 12185	897

### HEALTH, SAFETY & ENVIRONMENT

#### Health and Safety

Pure Tech GearTech S2 320 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.

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