Technical Data Sheet

Formerly Known As: **EcoGear 320**

Shell **Omala S3 A *320***

Synthetic Gear Lubricant

Shell Omala S3 A 320 is a synthetic lubricant formulated to provide excellent lubrication, stability, and extended service life for enclosed industrial gears. Shell Omala S3 A 320 maintains excellent performance during use and helps to reduce operating temperatures, friction and wear.

DESIGNED TO MEET CHALLENGES

Typical Physical Characteristics

Properties			Method	Shell Omala S3 A 320
ISO Viscosity Grade				320
Kinematic Viscosity	@40°C	mm^2/s	ASTM D445	319
Kinematic Viscosity	@100°C	mm^2/s	ASTM D445	45
Viscosity Index			ISO 2909	200
Density	@15°C	kg/m^3	ASTM D4052	997
Pour Point		°C	ASTM D97	-21
FZG (A/8,3/90)		Fail Stage	ISO 14635-1	14

These characteristics are typical of current production, variations in these characteristics in future production may occur.

Health, Safety & Environment

- **Health and Safety**

  This product 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.

  Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

  Guidance on Health and Safety is available on the appropriate Safety Data Sheet, which can be obtained from https://www.epc.shell.com

- **Protect the Environment**

  Take used oil to an authorised collection point. Do not discharge into drains, soil or water.

Additional Information

- Advice on applications not covered here may be obtained from your Shell representative.