Technical Data Sheet

Formerly Known As: **EcoGear 460**

# Shell **Omala S3 A** ***460***

***Synthetic Gear Lubricant***

**Shell Omala S3 A 460 is a synthetic lubricant formulated to provide excellent lubrication, stability, and extended service life for enclosed industrial gears. Shell Omala S3 A 460 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 460 |
|---|---|---|---|---|
| ISO Viscosity Grade | | | | 460 |
| Kinematic Viscosity | @40°C | $mm^2/s$ | ASTM D445 | 424 |
| Kinematic Viscosity | @100°C | $mm^2/s$ | ASTM D445 | 58.2 |
| Viscosity Index | | | ISO 2909 | 205 |
| Density | @15°C | $kg/m^3$ | ASTM D4052 | 1 002 |
| Flash Point | | °C | ASTM D92 | 225 |
| Fire Point (COC) | | °C | ASTM D92 | 305 |

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.