



Shell EcoSafe EAL 46

Environmentally Acceptable Hydraulic Fluid

Shell EcoSafe EAL 46 is a high-performance, environmentally acceptable hydraulic fluid. Shell EcoSafe EAL 46 is produced from biodegradable base stocks and can replace traditional mineral oil hydraulic fluid in systems with little to no equipment modifications and minimal downtime to provide outstanding performance across a wide range of conditions. Shell EcoSafe EAL 46 fluids can be relied on to provide optimal performance in a wide range of outdoor climates, across a wide temperature operating window.

DESIGNED TO MEET CHALLENGES

Typical Physical Characteristics

Properties			Method	Shell EcoSafe EAL 46
ISO Viscosity Grade				46
Kinematic Viscosity	@40°C	mm ² /s	ASTM D445	46
Kinematic Viscosity	@100°C	mm ² /s	ASTM D445	7.9
Viscosity Index			ISO 2909	143
Density	@15°C	kg/m ³	ASTM D4052	840
Flash Point			°C minimum	225
Pour Point			°C	-42

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.