

HYDRAU-PLUS ECO STL 100

BIODEGRADABLE HYDRAULIC OILS

326101001

DYADE
LUBRICANTS



BIODEGRADABLE STERN TUBE LUBRICANT

This series of lubricants comprises top-quality, emulsifying biodegradable oils that utilize synthetic esters. These oils have been specifically designed for use in stern tubes and bearings, where there is a risk of water ingress. They meet the biodegradability, minimal toxicity, and non-bioaccumulation requirements outlined in the US Environmental Protection Agency's (EPA) March 2013 publication and comply with the biodegradability criteria defined in the US Coast Guard's Vessel General Permit (VGP).

These stern tube oils are specifically designed to be a hassle-free replacement for traditional mineral oils in equipment that may be vulnerable to spillage or leakage, and the resulting environmental harm. Apart from stern tubes, this product is also well-suited for use in reduction gear, thruster, spur, couplings, and helical and planetary gear units.

CATEGORY

- Hydraulic Fluids

BENEFITS

- Very high viscosity index
- Biodegradable & non - toxic
- Excellent wear protection
- Excellent corrosion protection
- Superior level of lubrication even when water ingress occurs
- Miscible with conventional mineral oils
- Meets CEC-L-33-T-93

| PROPERTY | METHOD | VALUE |
|---------------------------|------------|-------|
| Density @ 20 °C, kg/dm³ | ISO 3675 | 0.92 |
| Viscosity @ 40 °C, mm²/s | ISO 3104 | 100 |
| Viscosity @ 100 °C, mm²/s | ISO 3104 | 18 |
| Viscosity index | ASTM D2270 | 205 |
| Pour point, °C | ASTM D97 | <-24 |
| Flash point C.O.C, °C | ASTM D93 | >240 |
| Rust test B (sea water) | ASTM D665 | Pass |
| TOST test, h | ASTM D943 | >600 |

All data on this technical data sheet is indicative only

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