



































EcoLabel – LuSC – BioPreferred Technical Data Sheet

The use of Environmentally Acceptable Lubricants (EAL) are essential, especially in applications where accidental release into environmentally sensitive areas is possible. Equipment used in marine operations, ports/harbors, farming, forestry, golf courses and electrical transformers utilize synthetic ester based EALS to protect the environment, avoid costly clean-up charges/fines and achieve performance superior to mineral oils.

| Synthetic Ester | Registration Status | Viscosity @ 40°C (cSt) | Viscosity @ 100°C (cSt) | Viscosity Index | Bio-Carbon Content, % | Bio-degradability |
|-------------------------------|---|------------------------|-------------------------|-----------------|-----------------------|-------------------|
| Monoesters | | | | | | |
| LEXOLUBE IPO |  | 5.5 | 2.0 | 215 | 88 | Readily |
| LEXOLUBE T-110 |  | 10 | 3.0 | 170 | 68 | Readily |
| LEXOLUBE HS-S |  | 11 | 3.0 | 130 | 70 | Readily |
| LEXOLUBE B-109 |   | 16 | 4.2 | 170 | 58 | Readily |
| Polyol Esters | | | | | | |
| LEXOLUBE 3Q-310 |   | 18 | 4.0 | 120 | 82 | Readily |
| LUBRICIT NGDO |  | 24 | 5.8 | 200 | 87 | Readily |
| LEXOLUBE 3N-310 |   | 20 | 4.4 | 140 | 84 | Readily |
| LUBRICIT PGDO |  | 21 | 5.5 | 215 | 100 | Readily |
| LUBRICIT TMP C9 |  | 21 | 4.6 | 140 | 0 | Readily |
| LEXOLUBE 4N-415 |   | 32 | 6.1 | 145 | 93 | Readily |
| LUBRICIT GTO |  | 40 | 8.5 | 200 | 100 | Readily |
| LEXOLUBE 3G-310 |   | 46 | 9.4 | 190 | 92 | Readily |
| LUBRICIT PE 418 |  | 66 | 12 | 185 | 94 | Readily |
| LUBRICIT 2-EHD |  | 83 | 13 | 150 | 71 | Readily |
| Complex Esters | | | | | | |
| LEXOLUBE CPE 70 |  | 70 | 11 | 150 | 83 | Readily |
| LUBRICIT 9538 |  | 140 | 22 | 180 | 90 | Readily |
| LUBRICIT 9526 |  | 330 | 45 | 185 | 74 | Readily |
| LEXOLUBE KL-435 |  | 435 | 38 | 125 | 49 | Readily |
| LEXOLUBE CLG-460 |   | 460 | 40 | 135 | 77 | Readily |
| LEXOLUBE CQ-3000 |   | 3000 | 205 | 180 | 66 | Readily |
| Food Grade HX-1 Esters | | | | | | |
| LEXOLUBE GT-855 IG |  | 15 | 4.0 | 135 | 100 | Readily |
| LEXOLUBE FG-22 HX1 |   | 22 | 4.7 | 140 | 79 | Readily |
| LEXOLUBE FG-46 HX1 |  | 46 | 7.4 | 135 | 47 | Inherently |
| LUBRICIT 9538/1 |  | 330 | 45 | 185 | 92 | Readily |
| LEXOLUBE CG-3000 |   | 3000 | 290 | 235 | 65 | Readily |

About the USDA **BioPreferred** Product Label

Biobased product certification and labeling is available through the USDA BioPreferred program, intended to increase the development, purchase and use of biobased products. BioPreferred products are derived entirely or significantly from renewable plant, animal, marine or forestry materials.

About the LuSC list (EU EcoLabel)

The EU EcoLabel identifies products that have reduced environmental impact throughout their life cycle, from raw material extraction, to use and disposal. The LuSC list comprises lubricant substances that meet stringent biodegradation/ bioaccumulation, aquatic toxicity and renewability requirements.

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