

The smallest carbon footprint in Canada

BIO-SYN HEES 32 & 46
*are the only hydraulic oils in Canada
that are BLUE ANGEL and EU ECOLABEL
approved, certifying that they are:*

- *Made from raw materials
of renewable origin*
- *Meet the strictest technical and environmental
requirements in the world*
- *Comply with sustainable development, health,
safety, social and ethical criteria*

APRIL BIO-SYN HEES is a superior quality readily biodegradable (>80% in 28 days) hydraulic oil made from synthetic esters, environmentally friendly zinc free additives and APRIL NANO 1™ lubricant technology for unsurpassed protection and performance. It has excellent anti-oxidation, anti-corrosion, anti-wear and extreme pressure properties. Recommended for hydraulic systems operating at high pressures and extreme temperatures in areas sensitive to environmental pollution, such as on or near water and aquifers, near water treatment plants, on farmland, in forests and endangered or vulnerable species' habitats.



Getting it straight : EU Ecolabel vs EAL

The European Union adopted the EU Ecolabel in 2005 in order to promote the highest international standards for biodegradable lubricants. EU Ecolabel approved lubricants have the smallest negative impact on the environment and the largest positive impact on society.

In the table below, competitors 1 & 2 state that they are EAL or Environmentally Acceptable Lubricants. In contrast to the highly regulated EU Ecolabel, there are no regulatory standards or internationally accepted terms by which an EAL is defined (page 3, EPA 800-R-11-002). Furthermore, EALs are self-reporting and require no external verification or approvals whatsoever.

In conclusion, since the EU Ecolabel represents a significantly higher standard than an EAL, the EU Ecolabel is automatically an EAL – but not vice-versa.

PROPERTY	COMPETITOR #1 (EAL)	COMPETITOR #2 (EAL)	BIO-SYN HEES (EU Ecolabel)
Social & ethical criteria			•
Sustainable development			•
Renewable content			•
Restricted substances			•
Dangerous materials			•
Technical performance		•	•
Bioaccumulation	•	•	•
Aquatic toxicity	•	•	•
Biodegradability	•	•	•

Social & ethical criteria prohibit child and forced labor while promoting equal opportunity and community engagement.

Sustainable development requires that raw materials come from sustainably managed sources.

Renewable content must be at least 50%.

Restricted substances include halogenated organic compounds, nitrite compounds, metals and metallic compounds.

Dangerous materials include substances that are explosive, flammable, carcinogenic, teratogen and volatile.