THRIVE® ECO Lubricants Hydraulic Fluid ISO 32 / 46 / 68

Rev. 1/2026

Renewable / Biodegradable

THRIVE® ECO Lubricants Hydraulic Fluids are a high performance, renewable, and biodegradable hydraulic fluid. It is formulated with 100% renewable NovaSpec™ base oils, which are composed of specific, highly desirable hydrocarbon molecules. The base oils impart a novel combination of performance and environmental characteristics into the finished fluid.

This hydraulic fluid contains leading edge additive packages that are optimized to satisfy a wide range of industrial and heavy-duty hydraulic equipment requirements, such as the European Ecolabel and the US EPA VGP 213.

ECO Lubricants Hydraulic Fluids yield the highest performance in operation. With a high viscosity index and low pour point, it provides excellent performance in a wider temperature range than most conventional hydraulic oils.

Chemical Properties			
Product Number	**508**	**510**	**511**
ISO Grade	32	46	68
Viscosity @ 40°C, cSt	32	46	68
Viscosity @ 100°C, cSt	6.1	7.9	10.8
Viscosity Index, typ	131	157	156
Density @ 15°C (g/ml)	.83	.84	.85
Pour Point, °C	-42	-45	-39
Flash Point, °C	242	242	245
FZG, Fail Stage	12	12	12

Features/Benefits

- Made with 100% renewable NovaSpec™ base oils from plants sugars
- Contain none of the impurities found in conventional base oils derived from crude petroleum
- Fully compatible with minderal oils, both in use and in disposal
- Can be re-refined and reused
- Wide range of enviornmentally friendly attributes to meet strict regulatory considerations
- Low pour point performs well in very cold enviornments
- High viscosity index enables product use over a wide temperature range
- Excellent shear stability
- Meets or Exceeds:
  - Eaton M-2950-S and I-865-S
  - DIN 51524 Part 2
  - Five groups P-68 and P-70
  - AIST 127
  - Parker Hannifin HF-0, HF-1, HF-2
  - Ecolabel
  - VGP
  - USDA Biopreferred

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