

THRIVE™ ECO Lubricants

Hydraulic Fluid ISO 32/46/68

Renewable / Biodegradable

Description

THRIVE™ Eco Lubricants Hydraulic Fluid is 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 oil imparts a novel combination of performance and environmental characteristics into the finished fluid.

THRIVE™ Eco Lubricants 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 2013.

THRIVE™ Eco Lubricants Hydraulic Fluid yields 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.

Typical Properties

Properties	ISO 32	ISO 46	ISO 68
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 plant sugars**
- ✓ **Contain none of the impurities found in conventional base oils derived from crude petroleum**
- ✓ **Fully compatible with mineral oils, both in-use and in-disposal**
- ✓ **Can be re-refined and reused**
- ✓ **Wide Range of environmentally friendly attributes to meet strict regulatory considerations**
- ✓ **Low pour point performs well in very cold environments**
- ✓ **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**