



## Bio-degradable Hydraulic Fluid

### ***Product Description:***

EGS ISO is a high-performance and biodegradable hydraulic fluid that exhibits some of the best overall properties while ensuring ecological compatibility in hydraulic applications. It was developed for hydraulic systems where low temperature qualities, improved oxidation stability, low toxicity and fluid biodegradation properties are required. It is free of heavy metals, non-toxic, biodegradable and recyclable. EGS ISO has exceptional oxidation stability which provides maximum oil life and less sludge and varnish buildup. EGS ISO is suitable for application in industrial and mobile applications operating in environmentally sensitive areas where incidental contact of hydraulic fluid and the environment is possible.

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### ***Performance Features:***

- Protects equipment while preventing the risk of soil, ground and surface water contamination
  - Excellent protection against wear, friction and oxidation
  - Increases lubricity to improve durability
  - Reduces maintenance costs and environmental fines in the event of a spill or hydraulic line break
  - Readily biodegradable, non-toxic and non-hazardous
  - Available in ISO grades 32, 46 and 68
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### ***Typical Applications:***

EGS ISO is recommended for use in hydraulic systems in environmentally sensitive areas such as offshore Oil and gas drilling, construction, forestry and applications in close proximity to inland lakes. EGS ISO is also ideal for all hydraulic systems using gear, piston or vane pumps.

Typical uses also include:

- Vickers I-286-S, M-2950-S
- Cincinnati Milacron P-68, P-69, P-70
- DIN 51524 Part 2
- Racine, Variable, Volume Vane Pumps
- AFNOR NFE 48-603HM
- Lee-Norse 100-1
- Jeffrey No. 87
- Ford M-6C32
- B.F. Goodrich 0152
- General Motors LH-04-1, LH-06-1, LH-15-1

**Typical Applications:**

GRADE SAE	46	68
Specific Gravity @ 15.6° C	0.924	0.924
Viscosity CST @ 40° C	42.50	65
Viscosity @ -25° C Brookfield	3200 CSP	300 CSP
Pour Point, ° C	-15	-15
4 Ball Wear:		
1 hour @ 167f, 1200 rpm, 40 kg	0.30/0.30	0.30/0.30
1 hour @ 130f, 1800 rpm, 20 kg	0.30/0.30	0.30/0.30
1 hour @ 130f, 1800 rpm, 40 kg	0.30/0.33	0.30/0.33
Biodegradability CEC STRUM	100%	100%
Demulsibility	40-40-0[10]	40-40-0[10]

**Available Sizes:**

SIZE	CASE QTY.	GRADE
5 Gallon-size	4	32
55-Gallon Drum	-	32
5 Gallon-size	4	46
55-Gallon Drum	-	46
5 Gallon-size	4	68
55-Gallon Drum	-	68

**Health and Safety:**

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and following the recommendations provided in the Material Safety Data Sheet (MSDS). This product is not to be used for purposes other than those specifically intended. When disposing the product, please take precautions to protect the environment.