



**PRODUCT
INFORMATION**

ECO BIOSyn II

Synthetic Biodegradable Hydraulic Fluid

Code: 32 8102, 46 8103, 68 8104

Description

Eco BIOSyn II Oils are superior synthetic bio-fluids suitable for severe operation in hydraulic systems, circulation systems and air compressors formulated from ester base stocks with a special non-hydrolyzing anti wear additive.

Eco BIOSyn II Oils are environmentally responsible fluids that readily bio-degrade, are minimum deposit forming, have long service life, protect system components from wear and also separate readily from water.

Applications

- **Eco BIOSyn II Oils** are suitable for all types of machinery where loss of fluid would be undesirable to the surrounding environment including mining equipment, tunnel boring machines, forklifts in foundries, steel mills, die-casting plants, drilling rigs etc. Equipment such as rotary screw compressors operating under severe conditions, hydraulic oils where the application calls HVI fluids, or where a non-zinc type oil to protect pumps with silver plated surfaces is specified, and in circulation systems in paper production where rapid release from water contamination is needed.
- **Eco BIOSyn II Oils** are suitable for TBM's such as Robbins, Terra Form, Herrenknecht, Komatsu, Mitsubishi, Wirth, Atlas Copco etc

Summary of Benefits

- Longer equipment component cleaning intervals due their high resistance to deposit formation and outstanding oxidation stability.
- Excellent rust protection
- High film strength
- Natural high VI of 190 plus
- Readily biodegradable with a low toxicity anti-wear additive system that does not add to heavy metals that bio accumulate in the food chain

ISO GRADE	46	68
Density	0.912	0.916
Flash Point °C	314	316
Pour Point °C	-48	-48
Viscosity, cSt at 40°C	48	64
Viscosity, cSt at 100°C	9.3	12.2
Viscosity Index	190	192
Biodegradability, %: CECL-33-A-94	>90	>90

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