

Last Updated: 20.10.2017
Product Codes: HA0506/7/8/9

SARMAX HYDRAULIC BIO 22 BIO 32, BIO 46 & BIO 68 OILS are a range of fully biodegradable, high specification industrial hydraulic oils, manufactured from a blend of wholly biodegradable, environmentally-friendly vegetable oils and a multipurpose, completely biodegradable, ashless hydraulic oil additive package.

APPLICATION

These are fully inhibited hydraulic oils, for use in both closed and total loss systems where biodegradable oils are specified or desirable. Can be used in telescopic rams, milking machines, pneumatic drills, shock absorbers (piston type), telescopic forks, trolley jacks and many other systems requiring biodegradable, environmentally-friendly hydraulic operating fluids.

Ideally suited for use in equipment used on farms, sports pitches, golf courses etc. as well as in marine and forestry environments, and other applications where a biodegradable, zinc-free product of this type is desirable or specified.

PERFORMANCE PROFILE

Suitable for use where the following specifications are required;

- ISO 15380:2016 - international standard for environmentally acceptable hydraulic fluids
- ISO 6743-4:2015 - international standard for rapidly-biodegradable hydraulic fluids (HETG class)
- VDMA 24568 - international standard for environmentally-friendly hydraulic fluids based on natural esters (HETG class)
- Cincinnati Milacron P-38 (Bio 32), P-55 (Bio 46), P-54 (Bio 68)

TYPICAL PROPERTIES

Appearance:	Amber oil
Specific Gravity @ 15.6°C:	0.909 – 0.940
Phosphorus (% wt):	0.005
Nitrogen (% wt):	0.027
Zinc (% wt):	Nil

HEALTH & SAFETY

This product has been manufactured to the highest standards and when used for the purpose recommended is unlikely to present any significant health hazards. A Material Safety Data Sheet is available.

Indicated data are approximate values and are subject to the usual commercial fluctuations. All information correct at time of going to press to the best of our knowledge. This information may be subject to change without notification due to continual product research and development.