SARMAX HYDRAULIC BIO 32

Last Updated: 09.01.2025
Product Code: HA0507

SARMAX HYDRAULIC BIO 32 is a 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.

Suitable for use where a vegetable oil-based, HETG specification fluid is required.

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.

BENEFITS

Designed for light to medium duty systems with operating temperatures ranging from -10°C to 60°C and pressures up to 5,000 psi. Recommended as a replacement for mineral hydraulic oils, particularly where spillage or loss is inevitable.

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	0.907 – 0.940
Phosphorus (% wt)	0.005
Nitrogen (% wt)	0.027
Zinc (% wt)	Nil

HEALTH & SAFETY

Please refer to the Safety Data Sheet, freely available, for product handling and disposal advice. Please note that the SDS includes handling, storage, health and disposal information which should be passed on to anyone else who comes in contact with our product. Additional advice can also be obtained from your local representative.

NOTE: Read and understand all precautions on container labels before using this product.

SAR LUBRICANTS (SQUIRE A. RADCLIFFE & SONS LTD)
Gill Bridge Oil Works, Lowlands Road, Mirfield, WF14 8LU, England
Tel: +44 (0)1924 494371 | Email: enquiries@sarlubricants.co.uk
Registered in England: 05866783 VAT Registration No: 889171963