

The right mixture will do it ...

To properly operate BOY injection moulding machines, the below recommended oil types are to be used:

Manufacturer:	Type:
Aral	Vitam GX 46
BOY	EconFluid 32 SETRAL SYN 32 FD
BP	Energol HLP-HM46
Castrol	Hyspin AWS 46
Gulf	Harmony AW 46
Klüber	LAMORA HLP 46
Mobil	DTE 25 Nuto H 46
Shell	Tellus S2 V 46
Texaco	Rando HD 46
Total	Azolla ZF 46 (without zinc) Azolla ZS 46
Wintershall	Wiolan HS 46

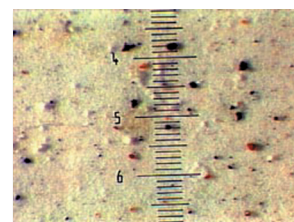
Detailed Oil Analysis

The oil sample is analyzed and documented by a specialized laboratory. The service includes:

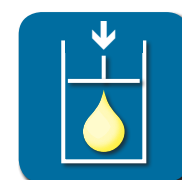
- Atomic Emission Spectroscopy (AES)
- FT (Fourier Transform) Infrared Spectroscopy
- Viscosity, oxidation and contamination
- PQ (Particle Quantifier) Index
- Particle count as per ISO 4406, SAE 4059

You will find further information on our webpage at

[www.dr-boy.de / Services](http://www.dr-boy.de/Services)
or contact us directly.



Over the years, technical improvements to hydraulic oils have been made in the lubricant industry. Due to their composition and additives the recommended oil types listed here fulfill all requirements for BOY injection moulding machines. Since manufacturing year 2009 no zinc additives are required no more. Machines of prior manufacturing years have to be operated with oil types with a zinc content of >390 mg/kg.



EconFluid

In general, the oil filled in should be analysed approximately every 5000 operating hours. Details on oil analysis can be found at www.dr-boy.de/en/services/inspection. Without analysis, oil fillings should be changed after 20,000 operating hours at the latest.

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BOY-APP
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