



Foodmax BIO HVI

Food grade and biodegradable hydraulic fluid

Description

Foodmax BIO HVI provides a unique combination of a non toxic (foodgrade) fluid and biodegradability. This makes the product suitable for application where both characteristics are needed. Examples can be found in hydraulic systems which are operated in food processing which takes place in environmental sensitive areas of which examples can be found in:

- Fish farms
- Fish processing facilities
- Fish processing vessels
- Pelagic fish harvesting vessels

The product is blended from synthetic esters with selected additives that provides excellent anti-wear properties, enhanced resistance to oxidation and good corrosion protection.

Foodmax BIO HVI meets the most stringent specifications of the food industry and fit perfectly in Hazard Analysis Critical Control Point (HACCP), Global GAP and

other certification systems like BRC and ISO 22000. Foodmax BIO HVI also meets those requirements specified in FDA 21 CFR 178.3570 "Lubricants in incidental contact with food".

The high viscosity Index provides good viscosity versus temperature characteristics which are very beneficial in environments where temperature variations are found.

Applications

Foodmax BIO HVI may be used in hydraulic systems, food packaging, pneumatic systems found in fisheries and aquaculture sectors having areas where contamination of the lubricant with soil, sewage or surface water is likely or may occur.

Performance level

Foodmax BIO HVI meets Denison HF-0, HF-1, HF-2, Vickers M-2950-S and I-286-S.

Typical performance data

	BIO HVI 32	BIO HVI 46	BIO HVI 68
Appearance	Transparent	Transparent	Transparent
Colour	0,5	0,5	0,5
Density @ 20 °C, g/ml	0.92	0.93	0.93
Viscosity @ 40 °C, cSt	29-35	42-50	59-77
Viscosity Index	>190	>190	>190
Flash point, °C	>280	>280	>280
Pour point, °C	<-39	<-39	<-39
Demulsibility, ASTM D1401 (40/37/3-30 min.)	Pass	Pass	Pass

All performance data on this Technical Data Sheet are indicative only and can vary during production
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