

CHAMPION BIO HYDRAULIC FLUID 2268

This is a biologically degradable hydraulic oil based on carefully refined vegetable oils and an adapted additive package in order to meet the requirements of hydraulic equipment manufacturers. With its very high viscosity index [>200], this product is a multigrade and corresponds to the classes ISO VG 32, 46 and 68.

KÄYTTÖKOHTEET

This product is particularly applicable in general lubrication and hydraulic systems, which require high performances and/or are working in an environment, where mineral oil contamination is to be avoided [forestry and rural environments]. This type of oil has to be used when the local legislation concerning the environmental protection prohibits the use of mineral oils. This oil is compatible with all current sealing materials: nitrile, polyacrylate, silicones, epichlorhydrine.

OMINAISUUDET

Temperature stability: very high stability

Anti-wear and oxidation stability: adequate protection of systems

LUOKITUKSET

DIN

51524 Part 3

ISO

6743-4, HETG

TYYPILLISET OMINAISUUDET

Testi	Menetelmä	Yksikkö	Keskimääräinen tulos
Väri	ASTM D1500		1
Tiheys lämpötilassa 15 °C	ASTM D4052	g/ml	0.920
Kinemaattinen viskositeetti lämpötilassa 40 °C	ASTM D445	mm ² /s	36
Kinemaattinen viskositeetti lämpötilassa 100 °C	ASTM D445	mm ² /s	8.4
Viskositeetti-indeksi	ASTM D2270		222
Jähmepiste	ASTM D6892	°C	-30
Copper corrosion [150°C, 3h]	ASTM D130		1-100 A24
Leimahduspiste [COC]	ASTM D92	°C	280
Kinemaattinen viskositeetti lämpötilassa 20 °C [laskettu]	Calculated	mm ² /s	77
Biodegradability	CEC L-33-T-82	%	99% in 20 days
F Z G -testi	DIN 51354		12
Kinemaattinen viskositeetti lämpötilassa 0 °C [laskettu]	Calculated	mm ² /s	200
Emulsion hajoaminen	DIN 51599		30 min

Pidätämme oikeuden muuttaa tuotteidemme yleisominaisuuksia, jotta asiakkaamme voivat hyödyntää uusimpia teknisiä uudistuksiamme.

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