

CLASSIC HAMDIR UV H1 Range

Universal hydraulic oil fully synthetic ISO VG 32, 46, 68 HVLP registered NSF H1

Description

CLASSIC HAMDIR UV H1 are light-coloured and odourless HVLP hydraulic oils on synthetic base.

Application

CLASSIC HAMDIR UV H1 have been designed for use in hydraulic and circulation systems in the food, drinks, feed and packaging industries and conform to the requirements for HVLP hydraulic fluids laid down in DIN 51 524, part 3.

CLASSIC HAMDIR UV H1 meet the FDA purity standards of regulation 21 CFR 178.3570 and are therefore approved for use at lube points where direct contact with foodstuffs cannot be excluded. Excessive lubrication that could result in unnecessary contamination of foodstuff is to be avoided.

Properties

- physiologically harmless
- very good oxidation and ageing stability
- outstanding EP and wear protection properties
- good water repellency (demulsification capacity)
- good corrosion protection properties
- causes no damage to conventional sealing materials
- minimum foam production

Product data

Properties	Unit	UV 32 H1 *	UV 46 H1 *	UV 68 H1 *
Density 15 °C	kg/l	0.830	0.830	0.840
Viscosity 40 °C	mm ² /s	32.0	46.0	68.0
Viscosity 100 °C	mm ² /s	6.0	8.0	10.0
Viscosity index		140	140	140
Pour point	°C	-50	-50	-50
Flash point (COC)	°C	230	240	240

* are average values and may vary in the framework of the standard.

Quality level

DIN 51 524 part 3

NSF H1 registered under
 144311 (UV 32 H1)
 144312 (UV 46 H1)
 144313 (UV 68 H1)



Performance

FZG > 11