

## CLASSIC HAMDIR UM Range

Universal hydraulic oil mineral oil based ISO VG 10, 22, 32, 46, 68, 100, 150 HLP

### Description

**CLASSIC HAMDIR UM** are highquality EP hydraulic oils and conform to DIN 51 524 part 2. They are mainly used in hydraulic systems with hydrostatic drives that tend to be exposed to high thermal loads and whose hydraulic pumps and motors, due to their design or the operating conditions, require a product with wear-reducing additives.

### Application

**CLASSIC HAMDIR UM** exceed the requirements for HLP hydraulic oils according to DIN 51 524 part 2 and CLP lubricating oils according to DIN 51 517 part 3. They can also be used as transmission and circulation oils.

**CLASSIC HAMDIR UM** do not cause damage to conventional sealing materials.

### Product data

Properties	Unit	UM 10 *	UM 22 *	UM 32 *	UM 46 *	UM 68 *	UM 100 *	UM 150 *
Density 15 °C	g/cm <sup>3</sup>	0.857	0.855	0.855	0.878	0.882	0.885	0.889
Viscosity 40 °C	mm <sup>2</sup> /s	10.0	22.0	32.0	46.0	69.0	103.0	152.0
Pourpoint	°C	-30	-31	-27	-27	-27	-27	-21
Flashpoint (COC)	°C	171	210	224	227	245	257	265

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

### Quality level

DIN 51524 part 2  
ISO 11158

### Performance

FZG > 10