



# Eni PRECIS SYSTEM MULTIFLUID

**Highly loadable EP hydraulic fluid with true multigrade characteristic as well as detergent and wear reducing properties** for the service life extension also under severe conditions.

## Characteristics (typical figures):

Eni PRECIS SYSTEM MULTIFLUID	Unit	22 - 100*	Test method	
Kin. Viscosity	at -20°C	mm <sup>2</sup> /s	980	DIN 51 550
	at 40°C	mm <sup>2</sup> /s	32	DIN 51 562
	at 100°C	mm <sup>2</sup> /s	7,9	DIN 51 550
Viscosity index			>220	DIN ISO 2909
Density at 15°C	g/cm <sup>3</sup>		0,884	DIN 51 757
Flashpoint o. C.	°C		170	DIN ISO 2592
Pourpoint	°C		< -50	DIN ISO 3016
			HVLP-D	DIN 51 524 T.3
ISO-VG-grade			CLP	DIN 51 517 T.3

## Properties and Performance:

**Eni PRECIS SYSTEM MULTIFLUID** had been developed to achieve a definitive prolongation of the oil change intervals with cost savings and to achieve a reduction of the waste oil quantity under ecological aspect, similiar as it is already common with other modern engine oils. Therefore a new efficient formulation of a hydraulic oil had been chosen that highly exceeds the requirements of the DIN 51 524 T.2 and T.3 respectively has additional properties. Exquisite base oils and a carefully selected additive combination ensure a good ageing resistance, a very good corrosion protection of all oil wetted metal surfaces and an excellent pressure absorption capacity as well as a reliable lubrication in the mixed friction area. Additionally this high-quality hydraulic fluid excels with very good dispersing power and detergency as well as its multigrade character.

Operational interference caused due to cavitation and pollution respectively due to inadmissible changes of viscosity are reduced and therefore the operating life of the hydraulic components are noticeable extended. The excellent cold flow behaviour has to be especially emphasised.

**Eni PRECIS SYSTEM MULTIFLUID** belongs to the new generation of power transmission media. Compared with standard oils after system cleaning and additional filtration a four times prolongation of the change intervals can be achieved. The respectively attainable maximum change intervals depend on the specific oil load.



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## Applications:

**Eni PRECIS SYSTEM MULTIFLUID** is preferably used in high performance hydraulic systems of the industry and mobile system that have a high requirement to the functionality. The performance of standard hydraulic oils with the specification HLP, HLPD and HVLP is exceeded. Due to its multigrade characteristics this product can be used for standard hydraulic oils of the ISO VG 22, 32, 46, 68 and 100\* under observation of the working conditions.

Please observe the manufacturer’s specifications when selecting products.

\* After consulting the technical department TK.

## Additional physical technical data:

Eni <b>PRECIS SYSTEM MULTIFLUID</b>		<b>22 - 100*</b>	<b>Test method</b>
Corrosion to copper	Corr.-grade	1 - 100A24	DIN 51 759
Corrosion against steel	Corr.-grade	0 - A	DIN 51 585
FZG-Test A/8,3/90 load stage		11	DIN 51 354 T. 2

## Specifications:

DIN 51 524 T.3 HVLP-D