



Eni PRECIS SF HVI 46 SF = Sustainable Formulation

Our new **SF** products (Sustainable Formulation) are resource-efficient oils, whose high-quality mineral base oils are produced through a special, nearly waste-free manufacturing process from recycled lubricants.

In this way, the **SF** products make a significant contribution to sustainability and thus to the protection of our environment.

One of these sustainable **SF** products is our HVLP oil **Eni PRECIS SF HVI 46**.

It offers up to **1.39 kilograms of CO₂-equivalent savings per kilogram of used Eni PRECIS SF HVI 46** compared to conventionally produced hydraulic oils

Characteristics (typical figures):

Eni PRECIS SF HVI 46	Unit	Value	Test method
Kin. Viscosity 40°C	mm ² /s	43,4	ASTM D7279
Kin. Viscosity 100°C	mm ² /s	8,0	ASTM D7279
Viscosity index	---	156	ASTM D2270
Density at 15°C	kg/m ³	860	DIN EN ISO 12185
Flashpoint o. C.	°C	222	DIN ISO 2592
Pourpoint	°C	-38	ASTM D7346
FZG test A/8,3/90	Force level	12	DIN ISO 14635-1
Shear stability (Loss 20h KRL)	%	<20	DIN 51350-6
Designation	---	HVLP 46	DIN 51 524 T.3
CO ₂ -äq*	kg/kg	0,19	DIN ISO 14040/44
CO ₂ -Reduction**	kg/kg CO ₂ -äq	1,39	DIN ISO 14040/44

*Actual CO₂ emissions of the sustainable base oil content per kilogram of produced hydraulic oil.

**CO₂ emission savings compared to conventional base oil content from first refining per kilogram of produced hydraulic oil.

Quality features:

Eni PRECIS SF HVI 46 is a specially developed hydraulic oil with a high viscosity index, which contributes to the product's versatile applicability.

Eni PRECIS SF HVI 46 can also be used where HVLP oils of the adjacent ISO-VG grades are required. In addition to its excellent viscosity-temperature behavior, the product offers high aging stability, good air separation properties, pronounced wear and corrosion protection, and compatibility with the elastomers and paints commonly used in the hydraulic sector.

Applications:

Eni PRECIS SF HVI 46 is particularly suitable for hydraulic systems exposed to large temperature fluctuations, such as agricultural and construction machinery, municipal vehicles, crane systems, and forklifts.

Manufacturer's specifications should be considered when selecting the product.

Specifications:

DIN 51 524 T.3 – HVLP, ISO 11158, ASTM D6158, AIST 126 + 127, GM LS 2, SAE MS1004