



## APPLICATIONS

**Eni OSO PM 46** is a special ashless high quality hydraulic oils formulated with selected paraffinic base stocks treated with antirust, antioxidant and antiwear additives, as illustrated by typical test results:

Vickers test (I-286-S) vane and ring wear: around 50 mg

FZG (A 8,3/90), scuffing test: pass the 12th stage

BUGGER test: 31 N/mm<sup>2</sup>;

Expressly developed for the presses Müller Weingarten for stamping and shearing sheet steel. Its particularly balanced additivation makes it suitable also in presence of clutches in oil bath.

## CUSTOMER ADVANTAGES

- Extremely good oxidation resistance even to high thermal stresses. Minimizes sludge and deposit formation
- Outstanding anticorrosion and antirust properties to inhibit the oxidation of internal surfaces of hydraulic circuits
- Good demulsibility. Prevent the formation of a stable emulsion between the oil and any water which enters the system through leakage or condensation
- Very high filterability, also in presence of water. It is suitable for very fine filters (3 micron)

## SPECIFICATIONS - APPROVALS

- AFNOR NF E 48603 HM
- BS 4231 HSD
- Muller-Weingarten
- ISO 11158 L-HM
- DIN 51524-3 HLP





## CHARACTERISTICS

Properties	Method	Unit	Typical
Appearance	APM 27	-	clear
Density at 15°C	ASTM D 4052	kg/m <sup>3</sup>	878
Viscosity Index	ASTM D 2270	-	105
Flash point COC	ASTM D 92	°C	220
Pour point	ASTM D 97	°C	-30

