



## 30000ZF MPM Hydraulic Oil HVI 46 Zinc Free

Document version: November 29th 2017

### Description

This zinc-free hydraulic oil HVI 46 is based on the latest additive technology. Due to the strict selection of premium grade base oils, and the use of zinc free anti-wear additives gives this hydraulic oil superior protection against wear and ageing, regardless of the application. The temperature in hydraulic systems is too low to evaporate the water therefore the excellent water filtering properties of the product ensures for a rapid separation of any contaminants within the system. The superior anti-foam characteristics are necessary in order to avoid any pressure losses in the hydraulic system and any resulting cavitation phenomena in the pump. The MPM Hydraulic Oil HVI 46 Zinc-Free is suitable for all heavy duty earthmoving machinery systems, vacuum pumps, circulating lubrication (except turbines) and general machine lubrication. This MPM hydraulic oil is environmentally friendly, and is not considered harmful to the environment.

### According to the specifications of

AFNOR NF E 48-603 HV  
Cincinatti Milacron P-70  
Denison HF-0 / HF-2  
DIN 51524 part 3 HVL  
Eaton Vickers I-286-S / M-2950-S  
ISO 11158 HV / 6743-4 HV  
SEB 181 222  
SIS SS 155434  
US Steel 127 / 136

### Packing units

ART. NO.	VOLUME	ITEMS PER UNIT	ITEMS PER PALLET
30020ZF	20 L	1	30
30060ZF	60 L	1	12
30205ZF	205 L	1	2
30999ZF	1000 L	1	-
P30000ZF	bulk	1	-

## Typical characteristics

TEST	VALUE	
Density at 15°C	0,875	kg/l
Kinematic viscosity at 40°C	46	mm <sup>2</sup> /s
Kinematic viscosity at 100°C	8,0	mm <sup>2</sup> /s
Viscosity index	150	
Flashpoint COC	-30	°C
Pourpoint	220	°C
Total Acid number	0,22	mgKOH/g