



# 30000ZF MPM Hydraulic Oil HVI 46 Zinc Free

Document version: May 20, 2024

## Description

This HVI 46 hydraulic oil with zinc-free additive technology offers excellent protection against ageing, regardless of the load on the installation, due to the strict selection of base oils and the use of zinc-free anti-wear additives. The emulsifying properties provide excellent application in hydraulic systems that have a higher risk of water ingress (such as in earth-moving machines, vacuum pumps, circulating lubrication (excluding turbines), sluice gates, hydraulic bridge controls and shipping). The effective anti-foam characteristics prevent pressure loss and cavitation phenomena in the hydraulic system.

## According to the specifications of

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

## Packaging units

ART. NR.	VOLUME	ITEMS PER UNIT	ITEMS PER PALLET
----------	--------	----------------	------------------

## Standard analyses

TEST	VALUE	METHOD
Density at 15°C	0.875	kg/l
Viscosity	ISO VG 46	
Kinematic Viscosity at 40°C	46	mm <sup>2</sup> /s
Kinematic Viscosity at 100°C	8	mm <sup>2</sup> /s
Viscosity Index	150	
Flashpoint COC	-30	°C
Pourpoint	220	°C
Total Acid Number	0.22	mgKOH/g

These characteristics are typical of current production. Variations in these characteristics may occur.