

# Technical Data

## TOTAL SERVICE SERIES

### PX HYDRAULIC OIL 46

#### Product Description

PX Hydraulic Oil 46 is a premium zinc-based anti-wear hydraulic oil, made from premium base oils fortified with rust, oxidation and foam inhibitors. Using this product will promote excellent cleanliness, longer fluid life, demulsibility and filterability even when severely contaminated with water.

#### Applications/ Benefits

PX Hydraulic Oil 46 is for use in hydraulic systems requiring anti-wear oils, particularly systems with vane pumps operating at pump pressures above 7MPa (1000 psi) and speeds above 1200 rpm. It is also suitable for use in other systems where wear rates are high while using conventional oils.

PX Hydraulic Oil 46 has a long change life due to the superior oxidative and thermal stability additive system and rust protection. The excellent air release properties minimise compressibility and prevent noisy and erratic operation.

PX Hydraulic Oil 46 is compatible with hydraulic oils that contain a non-zinc based anti-wear system.

#### Typical Characteristics

Test Description	Result
Specific Gravity @ 15 0 C	0.88
Flash Point, Deg. C	>220
Pour Point, Deg. C	-18
@ 40C (cSt)	46
@ 100 0 C (cSt)	6.85
Viscosity Index	105
Foam, ASTM D-892	50/0

#### Specifications

ISO 46  
Lee-Norse 100-1  
Cincinnati Milacron P-68, P-69, P70  
Racine, variable volume vane pumps  
Vickers V-104C & 35VQ25 vane, 1-286-S, M2950-S

DIN 51524 Part 2  
Ford M-6C32  
Jeffery No. 87  
General Motors LH-04-1, LH-06-1, LH-15-1  
Commercial Hydraulics (except PM500 )

Denison HF-1, HF-2, HF-0  
US Steel 136, 127  
B F Goodrich 0152  
AFNOR E48-603

The information contained in this Product Data Sheet is accurate at the time of printing and is subject to change without prior notice.



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