



**EXL  
POWER**

Industrial & Automotive lubricants

# METRO AW-46

## HYDRAULIC OIL

### HYDRAULIC OIL / AW-46 TYPE HLP-N GRADE

#### PRODUCT DESCRIPTION

Metro aw oils are premium grade extra heavy duty antiwear hydraulic oils (hlp type) with outstanding thermal & oxidation stability and have exceptional load carrying capacity as indicated by high fzg rating (11 stage pass). These oils are blended from highly purified selected base oils fortified with high quality antioxidant, antiwear additives to satisfy the increased demands of thermal and oxidation stability of modern fluids. These oils have excellent hydraulic stability, demulsibility, air release characteristic and have good filterability.

#### APPLICATIONS

Metro aw are recommended for high pressure hydraulic system, especially for sophisticated high performance electro hydraulic or numerically controlled system, in hydraulic couplings and drive motor bearings. These oils can also be used in screw compressor and enclosed gear boxes due to their outstanding thermal and oxidation stability.

#### PERFORMANCE LEVEL

- METRO AW-46
- Meets IS: 10522 1998), DIN 51 524 PART 1

#### BENEFITS

- High protection against wear.
- Very good hydrolytic stability and water separation capability.
- Excellent protection against rust and corrosion.
- High oxidation stability provides extended oil service life.
- Good anti-foam and air-release properties to ensure smooth operation and improve system efficiency.

#### TYPICAL PROPERTIES

CHARACTERISTICS	METRO AW-46
Kinematic Viscosity @ 40°C (mm <sup>2</sup> /s)	46
Appearance	amber
Viscosity Index	1106
Pour Point (°C)	-33
Flash Point (°C, COC)	229

*This bulletin was prepared in good faith from the best information available at the time of issue. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. It is the responsibility of the user to ensure that the products are used in the applications for which they are intended.*

Produced by PECIFIC PETROLEUM PRODUCTS PVT. LTD.