

TECHNICAL DATA SHEET

HYDRAULIC OIL HYDRAM 100

PRODUCT DESCRIPTION

HYDRAM 100 is a premium quality hydraulic oil. It also finds application as a circulating oil, bearing oil and as a gear lubricant. It incorporates rust, corrosion, oxidation and foam inhibitors along with anti-wear additives and demulsifiers.

APPLICATION

HYDRAM 100 is designed for the lubrication of a wide range of equipment where high rust and oxidation resistance, and excellent remissibility are required.

Hydraulics: Particularly suited to all types of hydraulic systems and pumps, operating at high or low temperatures, pressures and speeds.

Specifically recommended for use in the hydraulic systems of mobile and stationary plant including earth moving hydraulics.

Gears: May be used in lightly loaded gear boxes containing spur, helical, double helical and straight bevel gearing. **Not** recommended for spiral bevel, hypoid and worm gears or where EP gear lubricants are called for.

Bearings: suitable for ball and roller bearings. In selecting a viscosity grade to suit the bearing size, temperature of operation and speed of rotation, the manufacturers' recommendations should be adhered to.

Compressors: Suitable for most types of compressors, particularly reciprocating comp.

Others: Widely used as turbine oil in factory circulating systems. Also suitable for fluid couplings and transmission chains operating in oil tight casings.

PERFORMANCE

A premium hydraulic oil which may be also used as a multipurpose lubricant suitable for a wide range of industrial equipment.

Offers excellent wear and corrosion protection, foam resistance and oxidation stability and has good demulsibility, leading to longer service life.

HYDRAM 100

PERFORMANCE CHARACTERISTICS

Vickers	35VQ25 vane pump wear test M-2952-S (mobile equipment) I-286-S3 (industrial equipment)
Denison	TSD 42 vane pump wear test P-46 piston pump wear test HF-0, HF-2
Cincinnati Milacron	P-69
US Steel	USS 127
DIN 51524 Part II	ISO 46
AFNOR	NF E48.603 (HM)
FZG Pass Stage	10
CETOP	RP91H

TYPICAL INSPECTION

ISO Viscosity		100
Specific Gravity @ 15°C	Kg/L	0.892
Flash Point °C		240
Pour Point°C		-21
Kinematic Viscosity @ 40°C (cst)		100
@ 100°C (cst)		10.8
Viscosity Index		98
TAN,mg KOH/gm		0.18
Emulsion Test D-1401,4		30
Rust Test D665,A&B2		Pass