YAHYPO PG

Synthetic polyglycol-based gear oil
for use in gears and gear reducers

USES

Specifically developed for gears and worm wheel reducers operating in severe service conditions, such as large temperature variations and high humidity levels.

Specifications:

ISO 12925-1 CKE category; ANSI/AGMA 9005-E02 (EP)
David Brown S1.53.105 G; Flender AG; Bonfiglioli

MAIN PHYSICAL DATA

	Method	Units	PG 220	PG 320
Density at 20°C	ASTM D4052	kg/m3	1065	1063
Kinematic viscosity at 40°C	ASTM D445	mm2/s	220	320
Kinematic viscosity at 100°C	ASTM D445	mm2/s	35.5	52.5
Viscosity index	ASTM D2270		211	230
Pour point	ASTM D97	°C	-39	-39
Cleveland Open Cup Flash Point	ASTM D92	°C	>250	>250

The data given in this table represents typical production values and should not be taken as specifications.

PROPERTIES & ADVANTAGES

Compared to conventional mineral fluids, the use of YACCO YAHYPO PG offers:

► A lower friction coefficient and fuel consumption.
► Excellent wear resistance and extreme-pressure properties, providing better protection for industrial gears (on steel-to-steel contact surfaces).
► Outstanding thermal and mechanical stability, allowing for longer oil change intervals and reducing maintenance and running costs.
► Enhanced protection of non-ferrous surfaces of worm wheel reducers (on steel-to-bronze contact surfaces). **DO NOT** use on aluminium bronze.
► Water miscibility and increased protection against damage from humidity and corrosion.
► For optimal protection of parts against corrosion, it is important water does not get into the equipment.

USE WITH CAUTION

Incompatible with mineral and certain PAO-based fluids. In the event of incorrect use, the circuit must be drained whilst hot and cleaned. The next oil change interval must then be shorter.

Please check compatibility with circuit components (seals, gaskets, paint, etc.). YACCO YAHYPO PG is non-aggressive to seal materials, however the use of fluorinated hydrocarbon seals is recommended for use at high temperatures (>100°C).

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Always consult the owner's manual to check the recommended viscosity grade and specifications for your vehicle.