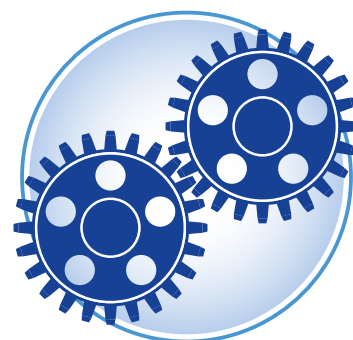


Epona Z 460

Mineral oils for enclosed gears.



APPLICATIONS
Enclosed gears, bearings, couplings.
Bevel and spur gears.
Bearings and gear couplings.
Worm gears.

FEATURES AND BENEFITS
Epona Z 460 has been specially designed for lubricating enclosed gears operating under severe conditions.
Excellent extreme-pressure and anti-wear properties.
Perfect seal compatibility.

SPECIFICATIONS AND APPROVALS			
✓	DIN 51517/3 - CLP	✓	JIS K2219. 2006 (Class 2)
✓	ISO 12925-1 CKSMP	✓	David Brown S1.53.101 E
✓	AGMA 9005 – F 16 Antiscuffing		

TECHNICAL DATA : EPONA Z 460			
CHARACTERISTICS	METHODS	UNITS	TYPICAL VALUES*
Density at 15°C	ISO 3675	kg/m ³	895
Viscosity at 40°C	ISO 3104	mm ² /s	460
Viscosity at 100°C	ISO 3104	mm ² /s	34.5
Viscosity Index	ISO 2909	–	113
Pour Point	ISO 3016	°C	- 12
Flash Point (OC)	ISO 2952	°C	246
FZG Micropitting	FVA 54	Fail stage	10 high
FZG A/8.3/90	DIN 51 354/2	Fail stage	14 pass
GFT Class	–	–	–

*The specifications above are for illustrative purposes and communicated for information only.

CUSTOMER BENEFITS

✓	Excellent chemical stability and resistance to oxidation, for a long period of running without maintenance.
✓	Outstanding protection to rust and corrosion of copper alloys.
✓	Very good resistance to foaming and emulsion formation.

GENERAL RECOMMENDATIONS

COMPATIBILITY

Compatibility should be checked.

Please consult your Marine Lubrication Engineer should you have any questions.

STORAGE

This product should be stored under cover in clean, dry conditions and protected from frost.

Recommended storage temperature range is 5°C to 50°C.

Drums that are stored on deck should be raised on pallets and covered to protect from the elements.

COMPLIMENTARY PRODUCTS AND SERVICES

✓	LubDiag – Oil Analysis – Laboratory based used oil analysis program.
✓	LubInsight – Suite of onboard testing equipment.
✓	LubSkills – Lubmarine Engineers are on hand at worldwide locations to assist with lubrication concerns.
✓	Lub On Ship – Visualize your lubricants needs aboard Lubmarine's innovative virtual vessel. lubmarine.totalenergies.com/lube-on-ship

