

# GEARTOP HP 460

Product code: 261204001

## New technology EP oils range for any gear type

This product is formulated with a new generation of technically advanced additives and paraffinic base fluids which show higher performance compared to conventional gear lubricants. It is advised in any type of gearbox and in general whenever an extreme pressure lubricant is required. This product is absolutely free of lead and silicone components.

These products are suitable for many applications including bearings lubricated by centralized lubrication systems, bath or circulation and can be used in friction bearings as well. Recommended for transmission components such as reducers, variators and gearboxes operating under heavy loads or stringent operating conditions.

It can be used in the following gear types:

- Circular gears
- Helical gears
- Conical gears
- Industrial hypoid gears
- Worm gears

## Benefits & Advantages

- Excellent anti wear capacity
- Thermal stability
- Optimal anticorrosive protection
- Excellent compatibility with mineral lubricants
- Minimizes gear pitting
- Decreasing oil temperature between 7 and 20 °C (depending on gearbox type and conditions)
- Noise reduction
- Improved lifetime of the lubricant
- Improved economical life of equipment
- Reduced maintenance costs

## Performance level

- US Steel 224
- AGMA 250.04
- AGMA 9005-E02
- DIN 51517 Part 3 CLP

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## Typical Performance Data

Typical	Test Method	Value
Appearance		Red Liquid
Density @ 20 °C, kg/l		0.910
Viscosity @ 40 °C, cSt		420-490
Viscosity @ 100 °C, cSt		30-33
Viscosity index		100
Flash point, °C		270
Pour point, ° C		-9
4-ball wear test <ul style="list-style-type: none"> <li>• Welding load, kg</li> <li>• Wear scar dia</li> </ul>	ASTM D-2266	>400 0.35
FZG load, fail stage	ASTM D-5128	14+
Copper corrosion, 3h/100 °C	ASTM D-130	1b
Steel corrosion	ASTM D-665	Pass

All performance data on this Technical Data Sheet are indicative only and can vary during production.