# SPINTA EP 80W-90

Product Code: SP-MR-8090-EP

**Marine Transmission Gear Lubricant**

## PRODUCT DESCRIPTION

SPINTA EP 80W-90 is a high-quality Extreme Pressure gear lubricant formulated for marine transmission systems. It is specifically suited to manual marine gearboxes, highly loaded gears and stern-drive units where SAE 80W-90 and the listed API GL performance levels are required.

### APPLICATIONS & BENEFITS

**Long-Life Performance** Additive technology supports lubricant stability and reliable operation over extended service intervals where permitted by the equipment manufacturer.

**Wear Protection** EP and anti-wear performance helps protect highly loaded gears against abrasion, scoring and corrosion.

**Marine Transmission Protection** Designed for gearboxes, stern drives and marine transmission systems operating under high mechanical loads.

### KEY PERFORMANCE BENEFITS

**Low-Friction Performance** Controlled friction and shear stability help reduce power losses across a range of operating temperatures.

**Gear & Stern-Drive Applications** Suitable for systems from major marine manufacturers where the listed viscosity and performance levels are specified.

**EP Load-Carrying Capability** Extreme Pressure additives support gear protection under high load and mechanical stress.

## SPECIFICATIONS & PERFORMANCE LEVELS

Meets or exceeds the following specifications and performance levels; approvals are identified where applicable:

- SAE 80W-90
- API GL-5
- API GL-4
- EP 90
- MIL-L-2105D (obsolete)

Recommendation: Always refer to the marine transmission or stern-drive manufacturer's operating and maintenance manual to confirm the required SAE viscosity grade, API GL performance level and service interval before use.

## TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS

| Property | Test Method | EP 80W-90 |
|---|---|---|
| **SAE Grade** | - | 80W-90 |
| **Color** | Visual | Green |
| **Density @ 15°C, kg/dm³** | ASTM D 4052 | 0.880 |
| **Kinematic Viscosity @ 40°C, cSt** | ASTM D 445 | 125.0 |
| **Kinematic Viscosity @ 100°C, cSt** | ASTM D 445 | 16.0 |
| **Viscosity Index** | ASTM D 2270 | 110 |
| **Flash Point, °C** | ASTM D 92 | 220 |
| **Pour Point, °C** | ASTM D 97 | -30 |

Note: The values shown above are typical for normal production and may vary within normal manufacturing tolerances. They do not constitute a product specification or contractual limit.

## STORAGE, HEALTH & ENVIRONMENT

### STORAGE

Store under cover whenever possible. If outdoor storage cannot be avoided, containers should be protected from rain and water infiltration. Avoid temperatures above 60°C, direct sunlight and freezing conditions.

### HEALTH & SAFETY

When properly used and handled in accordance with standard personal hygiene practices, the product is not expected to present adverse health effects under normal conditions of use. Refer to the corresponding SPINTA Safety Data Sheet (SDS) for detailed precautions and first-aid information.

### ENVIRONMENT

Do not discharge new or used product into drains, sewage systems, soil or watercourses. Used product must be collected and delivered to an authorized collection or disposal facility in accordance with applicable regulations.

## ADDITIONAL INFORMATION

Safety Data Sheet (SDS): The corresponding SPINTA Safety Data Sheet is available separately and should be consulted before handling or using the product.

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