



# **DAPHNE ALPHA WORM 320/460**

**High Performance Gear Oil**

## **Description**

A series of worm gear oils formulated with high purity synthetic base oil combined with various additives such as special extreme pressure agents and oiliness agents.

## **Application**

Non-ferrous metal friendly worm gear oil. Specially recommended to be used for the lubrication of worm gear and screw nut etc.

## **Characteristics**

1. **Excellent wear resistance for both steel and non –ferrous metals.**
2. **Excellent oil film strength and low coefficient of friction improves gear transmission efficiency.**
3. **High Viscosity Index and Low Pour Point enables it to be used in a wide temperature range.**
4. **Superior oxidation stability enables prolong operation even under high temperature.**
5. **Compatible with seal materials and paint.**

## **Packing**

20L pail, 200L drum

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## Lubricant Product Information



### Typical Specifications

### Daphne Alpha Worm 320/460

| Available Grades                  | ASTM<br>METHOD | <u>320</u> | <u>460</u> |
|-----------------------------------|----------------|------------|------------|
| Colour                            | -              | L0.5       | L0.5       |
| Density 15 °C g/cm <sup>3</sup>   | D-4052         | 0.8489     | 0.8499     |
| Flash Point (COC) °C              | D-92           | 232        | 232        |
| Viscosity, cSt @ 40 °C            | D-445          | 326.6      | 462.1      |
| @ 100 °C                          |                | 37.38      | 50.04      |
| Viscosity Index                   | D-2270         | 163        | 170        |
| TAN (mgKOH/g)                     | D-974          | 2.22       | 2.17       |
| Foam Tendency/ Stability :        |                |            |            |
| Sequence I : @24°C                | D-892          | 570-400    | -          |
| Pour Point °C                     | D-6749         | -40        | -40        |
| Rust Preventive Test @60 °C x 24h | -              | No Rust    | No Rust    |
| Copper Corrosion (100°C x 3h)     | D-130          | 1(1a)      | 1(1a)      |

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