

**OSUM® 400/600** is oxidized rapeseed oil, it is a completely degradable oil-based agent, which is made from first-grade transgenic rapeseed oil by high temperature polymerization with high purity oxygen under certain catalytic conditions. It has the advantages of light color, stable viscosity and low acid value. Oxidized rapeseed oil products with different viscosity can be obtained by controlling the degree of oxidation polymerization.

## CHEMICAL COMPOSITION

Oxidized rapeseed oil

## TYPICAL PROPERTIES

| Test Item                                                       | Typical Data            |                  | Method            |
|-----------------------------------------------------------------|-------------------------|------------------|-------------------|
|                                                                 | <i>OSUM® 400</i>        | <i>OSUM® 600</i> |                   |
| Appearance                                                      | Orange-red clear liquid |                  | Visual inspection |
| Density at 20℃, g/cm <sup>3</sup>                               | 0.96                    | 0.96             | GB/T 1884         |
| Viscosity at 40℃, mm <sup>2</sup> /s                            | 430.0                   | 650.0            | GB/T 265          |
| Acid value, mgKOH/g                                             | 9.0                     | 10.0             | GB/T 264          |
| Water, %                                                        | 0.06                    | 0.08             | GB/T 11133        |
| *Viscosity can be customized according to customer requirements |                         |                  |                   |

Note: The above analytical data are not specifications.

## PERFORMANCE CHARACTERISTICS

- It can increase the oil film strength of oil products, and has good lubricity and adhesion.
- After deep polymerization, very good chemical stability (acid value, color, viscosity are very stable)
- Natural raw material, completely degraded, easy to clean

## APPLICATION

- Widely used in special oil industry, such as stamping oil, stretching oil, guide rail oil, spindle oil, high-speed textile oil, etc
- Water based saponified oil, extreme pressure emulsified oil (liquid), antirust emulsified oil (liquid), Linear cutting emulsified oil (liquid), etc
- As a fuel oil cleaning and energy-saving anti-friction agent

## **PACKAGING AND STORAGE**

|                           |                                                     |
|---------------------------|-----------------------------------------------------|
| <b>Packaging</b>          | 190kgs plastic drum or 900kgs IBC tank (Net weight) |
| <b>Storage conditions</b> | Store in a cool, dry, well-ventilated warehouse     |

## **HEADLING INFORMATION**

Avoid contact with skin, eyes and clothing. Operate in accordance with good industrial health and safety practices. Please refer to material safety data sheet (MSDS) for additional handling information on **OSUM® 400/600**.

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