

# PETRONAS PROCESS OIL C



## Paraffinic Process oil

PETRONAS PROCESS OIL C oils are highly refined, premium quality oils. Structurally, they have a predominance of saturated rings and long paraffinic side chains. They are dewaxed to low pour points and are available in a wide range of viscosities.

PETRONAS PROCESS OIL C Series show excellent oxidation resistance, which increases as molecular weight increases.

### Applications

As rubber process oils, PETRONAS PROCESS OIL C grades are recommended for use with Butyl, EP, EPDM, SBR and natural rubbers. Also for applications requiring colour stability to heat and light, as well as low odour level. PETRONAS PROCESS OIL C Series are also widely used as process oils in the chemical process industries for applications such as carriers, diluents, extenders and plasticizers.

It can be also used as a heat transfer fluid for electric motors, air cleaners, bearings, machine parts and chains.

### Features and Benefits

- | Low pour points,
- | Low volatility.
- | Good colour stability, even after oxidation and aging under U.V. light.
- | Low evaporation loss
- | Low aromatic content

### Typical Properties

| CHARACTERISTICS                   | 32           | 15           | 60           |
|-----------------------------------|--------------|--------------|--------------|
| Density @ 15 °C, kg/l             | 0,875        | 0,855        | 0,880        |
| Kinematic Viscosity @ 40 °C, cSt  | 30           | 15,5         | 58           |
| Kinematic Viscosity @ 100 °C, cSt | 5,4          | 3,4          | 8            |
| Pour Point, °C max.               | -9           | -6           | -9           |
| Flash Point, °C min.              | 215          | 180          | 235          |
| Viscosity Index                   | 105          | 97           | 105          |
| Appearance                        | Bright&Clear | Bright&Clear | Bright&Clear |
| ASTM Colour, max                  | 1,5 L        | 1,0 L        | 2,5 L        |

\*All technical data is provided for reference only.

### Health, Safety and Environment.

For further assistance on product MSDS, recommendation or technical queries, please liaise with the regional technical services engineer or contact HQ technical engineers.