

Gazpromneft TDAE B

Extender Oil

Gazpromneft TDAE B is non-cancerogenic process oil meeting the existing global health and safety demands. Gazpromneft TDAE B improves process performance of rubber and tire compounds. Its high aromatic content helps to provide excellent compatibility with both natural and synthetic rubbers.

Applications

Gazpromneft TDAE B can be used as softener and plasticizer in rubber or tire manufacturing process.

| Features | Advantages and Potential Benefits |
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| Non-cancerogenic | Gazpromneft TDAE B contains less than 10 ppm of polycyclic aromatic hydrocarbons (PAH) and meets stringent requirements of European Regulation (EC) No. 1907/2006. Registration number per REACH: No. 01-2119463885-24-0010 |
| High aromatic content | Unique production technology helps to obtain green oils with composition similar to conventional process oils. It helps to substitute oils with high PAH content without performance compromises |
| Excellent compatibility with natural and synthetic rubbers | Gazpromneft TDAE B can be used in production of rubbers with wide range application and all tire parts |
| Low glass transition temperature | Gazpromneft TDAE B allows producing rubbers with improved low-temperature performance (winter tires) |

Typical Characteristics

| Properties | Method | Gazpromneft TDAE B |
|--|-------------|--------------------|
| Density @20°C, kg/m ³ | ASTM D445 | 940,0 |
| Kinematic viscosity @100°C, mm ² /s | ASTM D445 | 34,0 |
| Refractive Index @20°C | ASTM D1218 | 1,5115 |
| Flash Point COC, °C | ASTM D92 | 272 |
| Pour Point, °C | ASTM D97 | 12 |
| Sulfur content, wt% | ASTM D6481 | 1,1 |
| Aniline Point, °C | ASTM D611 | 87 |
| Carbon Type Distribution, wt% Ca/Cn/Cp | ASTM D2140 | 18/24/58 |
| Viscosity Gravity Constant (VGC) | ASTM D2140 | 0.86 |
| Saturated/Aromatic/Polar compounds, wt% | IP469 | 28/68/4 |
| Glass Transition Point, °C | ASTM E 1356 | below -50 |
| Benzo(a)pyrene content, mg/kg | EN 16143 | 0.7 |
| Sum of 8 PAH contents, mg/kg | EN 16143 | 7.4 |
| PCA content, wt% | IP 346 | 2,9 |

Health, Safety & Environment

Information is provided for products in the relevant Safety Data Sheet (SDS). This provides guidance on potential hazards, precautions and first-aid measures, together with environmental effects and disposal of used products. SDS's are available upon request through your sales contract office. This product should not be used for purposes other than its intended use.