



A Subsidiary of PETRONAS Chemicals Group

PRODUCT DATA SHEET

Viscotech[®] 494L

Premium Styrenic Viscosity Modifier

BRB Lube oil Additives & Chemicals

P.O. Box 3552 NL - 6017 ZH Thorn

Office: Voltaweg 26, 6101 XK, Echt, the Netherlands

T: +(31) 475 560 300

www.brb-international.com/lac

PRODUCT DATA SHEET

Viscotech® 494L

Premium Styrenic Viscosity Modifier



A Subsidiary of PETRONAS Chemicals Group

Viscotech® 494L

Product Description



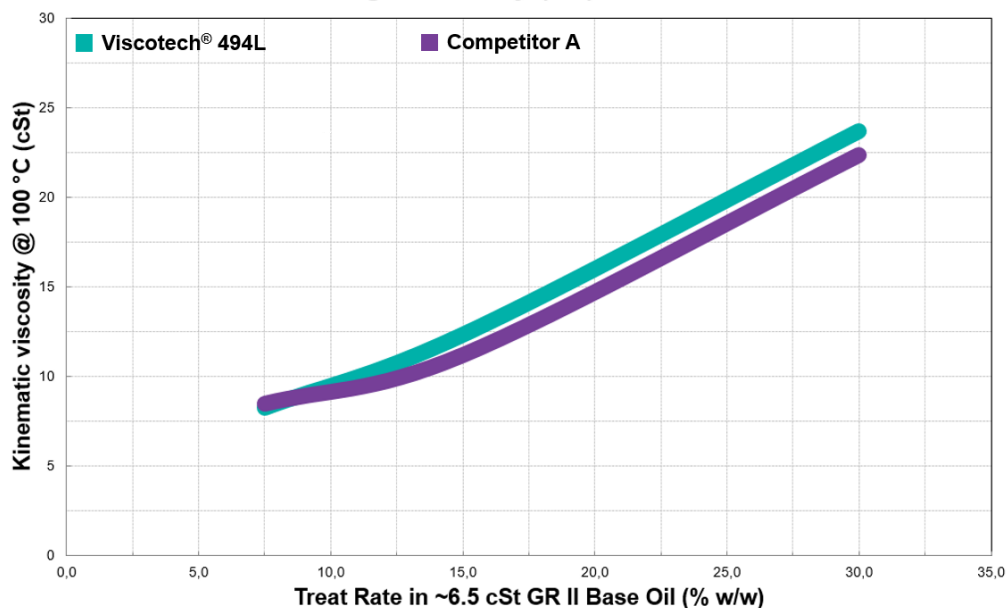
Viscotech® 494L is a very shear-stable, styrenic viscosity modifier (7 SSI), dissolved in a GR III base oil. This high-quality product is designed for use in the formulation of top-tier, multi-grade oils and meets the high-performance requirements demanded of modern/premium diesel and gasoline engine oils.

Benefits

- Excellent permanent shear stability, ensuring lubricant durability in multi-grade applications;
- Great thickening efficiency (TE) performance;
- Enhanced low-temperature operation & optimal high-temperature viscosity contribution throughout the lifespan of the oil;
- Wide coverage of modern automotive needs;
- Trusted & used by large oil blenders.

Performance

Thickening Efficiency (TE) Performance



Typical Data

| Parameter | Method | Unit | Typical |
|---|------------|-------------------|---|
| Appearance | Visual | - | Clear to slightly hazy, colourless to yellow viscous liquid |
| Kinematic viscosity @ 100 °C 10.0% w/w in GR II (~6,5 cSt) | ASTM D445 | cSt | 9,0 |
| Density @ 15 °C | ASTM D4052 | g/cm ³ | 0,845 |
| Flash point | ASTM D93 | °C | 217 |
| Shear Stability Index | ASTM D6278 | - | 7 |

PRODUCT DATA SHEET

Viscotech® 494L

Premium Styrenic Viscosity Modifier



A Subsidiary of PETRONAS Chemicals Group

Handling & Storage

Treatment levels depend on the used base stocks. It is recommended to perform a blend study to optimise the viscosity levels.

| | |
|---|---------------------------------------|
| Minimum loading/unloading/pumping temperature | 90 °C |
| Maximum loading/unloading/pumping temperature | 120 °C |
| Maximum blending temperature | 110 °C |
| Maximum storage temperature | 80 °C |
| Maximum long term (>2 months) storage temperature | 60 °C |
| Type of pump | positive displacement |
| Transfer line | insulated, steam traced @ max. 121 °C |

An MSDS is available upon request.

All liquid Viscotech® VMs are available in bulk, drums & IBCs.

FOR MORE INFORMATION

Please contact

BRB Lube oil Additives & Chemicals

P.O. Box 3552 NL - 6017 ZH Thorn

Office: Voltaweg 26, 6101 XK, Echt, the Netherlands

T: +(31) 475 560 300

www.brb-international.com/lac

IMPORTANT NOTICE

The information given in this product data sheet are believed to be fully accurate. However, BRB International BV shall not be liable for its content and make no warranty with respect thereto. For additional information we request you to contact BRB International BV. Visit our web-site: www.brb-international.com