

Improved EHC™ 45 Base Stock Advances Product Slate Offerings with Broad Blend Coverage and Simplified Qualification Testing

Houston, Texas, The EHC™ 45 base stock continues to meet the industry's evolving engine specification requirements with a series of advanced formulations. An integral part of the EHC™ Group II base stock slate, EHC™ 45 can be leveraged to meet the GM dexos1™ Gen 3 specification in fully developed fluids—an industry benchmark for premium-quality passenger car oils. EHC™ 45 also offers broad blend coverage, simplifying qualification testing around the globe with base oil interchange and viscosity-grade read-across guidelines.

With newly improved volatility specification and excellent low-temperature properties, EHC™ 45 can operate in higher performance spaces traditionally served only by Group III products. EHC™ 45 gives customers increased flexibility, allowing them to formulate with Group II+ and/or Group III base stocks to meet their low viscosity engine oil needs. The EHC™ base stock slate is a leader in the Group II base stock market offer and has overtaken Group I as the “workhorse” grade. EHC™ 45 is a top-performing Group II base stock in its ability to reduce Group III content use cases.

Beyond performance, EHC™ 45's production provides versatility to face changing logistic demands and global supply challenges stemming from the COVID-19 pandemic, severe weather-related issues and other global disruptions. ExxonMobil has invested in its production in North America to ensure a consistent supply of base stocks for formulating low-viscosity lubricants such as 0W and 5W grades. EHC™ 45 offers an effective way to achieve engine oil specifications with Group II base stocks by supporting lower cost high quality passenger car and heavy-duty diesel formulations, broader API engine oil coverage, potential additive savings, and the ability to blend lower viscosity lubricants with reduced Group III base stock content.

“Our production capability of EHC™ 45 accommodates shifting demands and keeps our product close to where your base stocks needs are,” said Daphne Hunter, ExxonMobil Basestocks Americas Marketing. “EHC™ 45 is designed to meet the low volatility, low viscosity, and oxidation stability of the evolving lubricant market by providing consistent quality to help formulators produce high performance blends. We're confident our EHC™ 45 base stock is well-positioned to be the top-of-mind and first choice for automotive lubricants because of its performance and capabilities.”

ExxonMobil continuously works to offer readily available solutions by providing OEM-approved formulations. ExxonMobil collaborated additive partners to develop the EHC™ 45 base stock containing formulations fully approved to meet GM dexos™1 gen 3 requirements for 0W-20 and 5W-30 engine oils meeting customers' performance needs, offering cost savings, and providing flexibility.