



Data Sheet

Issued March 2022

Product name	Shell GTL Saraphalt				
Product category	Synthetic Hard Wax				
Description	<p>Shell GTL Saraphalt is a synthetic hard wax polymerized from natural gas via Fischer-Tropsch synthesis. Being a gas-to-liquid (GTL) product, Shell GTL Saraphalt contains zero sulphur and is virtually free from nitrogen, aromatics and heavy metals. It is a versatile additive suitable for asphalt applications. Shell GTL Saraphalt enhances workability, improves process reliability, tensile strength, rutting, reduces mixing and paving temperatures and enabling early traffic release with less energy consumption.</p> <p>Shell GTL Saraphalt is evaluated and certified by AASHTO's (American Association of State Highway and Transportation Officials) National Transportation Product Evaluation Program (NTPEP) for Warm Mixed Asphalt (WMA) application.</p>				
Physical Properties	Property	Unit	Test Method	Specification	Typical
	Congealing Point	°C	ASTM D938	93 min, 112 max	99 - 105
	Saybolt Colour	-	ASTM D156	+25 min	+30
	Penetration @ 65°C	0.1 mm	IP 376	15 max	3 - 10
	Kinematic viscosity @ 130°C	mm ² /s	ASTM D445	25 max	10 - 20
Emergency helpline	Refer to the telephone numbers in the Safety Data Sheet for emergency and technical support.				
Shell Warranties	<p>The information contained in this publication is to the best of our knowledge, true and accurate, but any recommendations or suggestions that may be made are without guarantee, since the conditions of use are beyond our control.</p> <p>Furthermore, nothing contained herein shall be construed as a recommendation to use any product in conflict with existing patents covering any material or its use.</p> <p>SHELL MDS (M) Sdn Bhd makes no representation and extends no warranty or condition, express or implied, and assumes no liability (whether in contract, tort or otherwise) with respect to the completeness, utility or accuracy of any product; merchantability or fitness for a particular purpose; descriptions of the product are for the sole purpose of product identification and do not imply or express any warranty.</p>				