



LUBRICATION

In lubrication, Viscosity Modifier is used to impart high viscosity index. Its heat stability based on the TGA data is as follows: up to 180deg.C, less than 1% is evaporated, up to 230deg.C, less than 5% is evaporated, up to 250deg.C less than 10% is evaporated, up to 300deg.C about 33% is evaporated. When tested by 4-ball wear test method, the scar diameter was 0.46mm and weld load 120kgf

SPECIFICATIONS

	Specifications	Test Method
Appearance	Amber viscous liquid	Visual
Acid Value	3 mgKOH/g (max)	AOCS Cd 3d-63
Moisture (KF)%	0.2% max	AOCS Ca 2e-84
Color Gardner	10 max	Gardner Scale
Viscosity at 40 °C	13-18 mPas	Brookfield
Viscosity at 100°C	3-8 mPas	Brookfield
Viscosity Index	~450	Calculation
Pour Point	typical -15°C	ASTM D97
Flash Point	typical 150°C	Cleveland Open Cup