



MOUNTAIN STATES ASPHALT INC.

205 s Emerald Rd
Tooele, UT 84074

SUPERPAVE™ Binder Grade:	PG 76-34 WY	Date Recieved:	5/2/2023	By:	JH
Sample ID:	Batch 3				
Sample Condition (ie Good/Open):	Good	Date Tested:	5/2/2023	By:	JH
Test					
		Temp	Method	Specification	Result
ORIGINAL BINDER					
AASHTO M 320 Requirements					
Viscosity, Pa*s		135°C	T 316	3.0 max	2.5
Dynamic Shear	G*/sinδ, 10 rad./sec., kPa	76°C	T 315	1.0 min	1.75
Additional Requirements					
Phosphorus, PPM			D 6443	3800 max	31
RTFOT RESIDUE					
AASHTO M 320 Requirements					
Mass Change, % (Mass Loss is reported as Negative)			T 240	1.0 max	-0.291%
Dynamic Shear	G*/sinδ, 10 rad./sec., kPa	76°C	T 315	2.2 min	3.09
Additional Requirements					
Elastic Recovery, %		25°C	T 301	60 min	98%
PRESSURE AGING RESIDUE (100°C, 300 psi, 20 hr.)					
AASHTO M 320 Requirements					
Dynamic Shear	G*(sinδ), 10 rad./sec., kPa	25°C	T 315	5,000 max	656
Creep Stiffness	Stiffness, MPa (60 sec.)	-24°C	T 313	150-300	226
	m Value			0.300 min	0.33

*Result from subcontractor

Notes:

Tested By:

Jameson Hulse, Binder Tech

Reviewed By:

Gene Chrisenbery, Vice President