

PACKAGE OF ADDITIVES PA-2403-1

Specification BY 390401182.054-2019	Multifunctional package of additives designed for use in the production of lubricating oils for gasoline and diesel engines.		
Main benefits	Good antioxidant properties with excellent engine wear protection. An excellent balance between the requirements for gasoline and diesel engines.		
Use recommendations	Treat rate*, % wt.		
SF/CC	3.30 %		
* - in combination with viscosity improver and pour point depressant			
Some physical and chemical properties			
Characteristics	Minimum	Typical value	Maximum
Kinematic viscosity at 100 °C, mm ² /sec. (cSt)	-	80.0	-
Flash point (COC), °C	180	215	-
Total base number (TBN), mg KOH/g	195	210	-
Calcium content, % wt.	6,50	7.00	-
Zinc content, % wt.	2,60	2.70	-
Phosphorus content, % wt.	-	3.10	3.40
Nitrogen content, % wt.	0.50	0.60	-
Sulfate ash content, % wt.	-	28.50	30.30
Condition of usage	Recommended solution temperature of package of additives in base oil is up to 70 °C. Any devices providing uniformity of stirring of package of additives in base oil can be used for dissolving. Shelf life at ambient temperature – 24 months.		
Safety requirements	Before usage the product please read material safety data sheet (MSDS) of the product.		