

PACKAGE OF ADDITIVES PA-2600

Specification BY 390401182.040-2019	Multifunctional package of additives for monograde and multigrade engine oils using appropriate Group I base stock.	
Main benefits	Package of additives provide safety protection for high-sulfur fueled engines in hot climate conditions.	
Use recommendations	SAE Viscosity Grade	Treat rate*, % wt.
SL/CF/CF-4 (8,5 TBN)	Monograde & Multigrade	4.1 % + 3.4 % PA-2620
SJ/CF/CF-4 (8 TBN)	Monograde & Multigrade	4.0 % + 2.5 % PA-2610
CF-4/SG (11 TBN)	Monograde & Multigrade	4.0 % + 1.5 % PA-2610 + 0,8 % CCK-400D
SG/CD (7 TBN)	Monograde & Multigrade	3.6 % + 1.6 % PA-2610 ¹
CF/SF (10 TBN)	Monograde & Multigrade	4.25 % + 0.6 % CCK-400D
SF/CD, CD (12 TBN)	Monograde & Multigrade	3.8 % + 1.3 % CCK-400D
SF/CD, CD (10 TBN)	Monograde & Multigrade	3.8 % + 0.8 % CCK-400D
SF/CC/CD (7 TBN)	Monograde & Multigrade	3.8 %
SE/CC (6 TBN)	Multigrade	3.2 %
SE/CC (5 TBN)	Monograde	2.8 %
CC (7 TBN)	Monograde & Multigrade	2.2 % + 0.75 % CCK-400D
SC/CC (4 TBN)	Monograde	2.2 %
SB/CB (3,5 TBN)	Multigrade	1.85 %
SB/CB (3 TBN)	Monograde	1.6 %

* - in combination with viscosity improver and pour point depressant

1- equivalent 5.2 % wt. PA-2615

Some physical and chemical properties

Characteristics	Minimum	Typical value	Maximum
Kinematic viscosity at 100 °C, mm ² /sec. (cSt)	-	42.0	120.0
Flash point (COC), °C	180	220	-
Total base number (TBN), mg KOH/g	180	187	200
Calcium content, % wt.	6.00	6.70	7.30
Zinc content, % wt.	2.30	2.40	2.50
Nitrogen content, % wt.	-	0.58	-
Sulfate ash content, % wt.	-	26.5	29.0

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 – 12 months.
Safety requirements	Before usage the product please read material safety data sheet (MSDS) of the product.