

## **SPECIFICATION OF TREATED DISTILLATE AROMATIC EXTRACTED(TDAE)**

TDAE IS A GREEN RUBBER OIL (NATURAL FRIENDLY OIL) WITH A HIGH AROMATIC CONTENT, ENVIRONMENTAL PROTECTION, NON-TOXIC, NON-CARCINOGENIC CHARACTERISTICS, CAN BE USED AS A SUBSTITUTE FOR EXISTING AROMATIC OIL. THIS ENVIRONMENT FRIENDLY PROCESS OIL IS USED AS A SOFTENING ADDITIVE IN THE PROCESS OF VULCANIZATION OF NATURAL RUBBER AND AS A COMPONENT OF RUBBER COMPOUNDS. ITS HIGH VISCOSITY GRAVITY CONSTANT (VGC) LEADS TO THE REDUCTION IN HEAT BUILDUP AND ROTATIONAL RESISTANCE DURING THE USAGE OF TYRES. SUCH CHARACTERISTICS ENABLE OUR TDAE TO BE USED IN THE PRODUCTION OF HIGH QUALITY TIRE AND RUBBERS.

### **USES OF TDAE**

RUBBER PROCESS OIL IS USED IN INDUSTRY INK FORMULATIONS, ISOLATION MANUFACTURERS ,ATOUMOBILE TIRE MAKING FACTORY , RUBBER MANUFACTURING , SHOES , FLOORING , CABLE AND ANY OTHER INDUSTRIAL INTERFACE .

### **PACKING OF TDAE**

RUBBER PROCESS OIL IS PACKED IN NEW 180 KG DRUMS , ISO TANK , FLEXI TANKS AND BULK SHIPMENTS. EACH 20 FOOT CONTAINER TAKES 80 DRUM TDAE.

### **GUARANTY/WARRANTY OF TDAE**

ATDM GUARANTY THE QUALITY OF TDAE WITH ARRANGEMENT OF INTERNATIONAL INSPECTOR TO CHECK QUALITY AND QUANTITY OF TDAE DURING THE LOADING TO VESSEL AND CONTROLLING THE PRODUCTION BY QC BY BATCH TEST REPORT BEFORE SHIPPING. ATDM GUARANTY THE QUALITY TO MEET WITH ASTM .

### **OUR APPROVALS**



TDAE ANALISES:

TEST	TEST METHOD	UNIT	RESULT
Sp.gr @ 15°C	ASTM D-1298	kg/m <sup>3</sup>	953
Flash Point	ASTM D-92	°C	246
Congealing Point	ASTM D-938	°C	33
TAN	ASTM D-974	mg KOH/gr	0.12
K.Vis @ 40°C	ASTM D-445	cSt	549.48
K.Vis @ 50°C	ASTM D-445	cSt	260.8
K.Vis @ 100°C	ASTM D-445	cSt	19.65
RI@20°C	ASTM D-1218		1.5227
RI@67°C	ASTM D-1218		1.5113
VGC	ASTM D-2501		0.895
Aniline point	ASTM D-611	°C	63
Refractivity Intercept	AMS140.13		1.051
Water Content (Karl Fischer)	ASTM D-6304	ppm	412.2
Sulphur Content	ASTM D-2622	%(W/W)	3 Max
Carbon Type Distribution	AMS 140.13	% CA/CN/CP	23/39/38
Content Of PCA Extract	IP 346	%(W/W)	2.2