



ATTOCK REFINERY LTD

TECHNICAL DATA SHEET

JUTE BATCHING OIL (JBO)

Product Description:

Jute Batching Oil (JBO) is a middle distillate produced by petroleum refinery. ARL is the only refinery in Pakistan that produces JBO. Since Jute materials are used in packaging of food material, presence of heavier Oil (which may contain carcinogenic compounds) are not desirable. Similarly, presence of lighter material may give Kerosene like odour and hence not desired in JBO. Attock Refinery Limited produce Diesel fuel oil that's conforms the Pakistan Standards & Quality Control Authority specifications.

Application and Benefits:

JBO produced by ARL is mainly used as in the jute industry to make the jute fibers pliable. JBO is also used by processors to produce various industrial oils and as Wash Oil by the Steel Plants for recovering aromatic products from the coke oven gas.

Health, Safety and Environment: D

Health, safety and environmental information are provided for this product in the Safety Data Sheet. This gives details of the potential hazards, precautions and First Aid measures. Attock Refinery Ltd will not accept liability if the product is used other than in the manner or with the precautions or for the purposes specified

- **Typical information from MSDS**

Wear PPE to avoid contact with skin, eyes and respiratory tract. Wash face, hands and forearms thoroughly after handling. Keep clear from sources of ignition. Ensure electrical continuity of all relevant equipment by proper bonding as electrostatic charges can potentially be generated during pumping and tank-filling operations. Recycle all waste where possible.

Storage:

All packages should be stored under cover. Keep containers closed and clearly labeled.

Specifications & Typical Value:

TEST DESCRIPTION	UNIT	TEST METHOD	SPECIFICATIONS	MAX / MIN	ARL TYPICAL
Specific gravity 15.6°C	-	D1298	0.900	Max.	0.860
Color, ASTM	-	D1500	7.0	Max.	4.0
Odour	°C	-	*NO&NK	-	*NO&NK
Flash point	°C	D93	121	Min.	140
Viscosity, Kinematic at 50°C	cSt	D445	12 - 25		15.10
Pour Point	°C	D97	21	Max.	-9

For more Information Please Contact **Attock Refinery Ltd.** Phone: 92-51-5487041 / Ext. 2596 / 2469