



Special Sand Conveying Screws for Oil Field Service Operations

Introduction

WD Pumpco designs and builds heavy-duty equipment for oil field operations. With expertise in flow control equipment, WD Pumpco is considered one of the premier suppliers to oil field service companies. Screws are used in the transport of frac sand and frac proppant. KWS has a very large presence in the oil field with over 1,000 installations for conveying frac sand, chemicals, and other related bulk materials.

Challenge

WD Pumpco required special screws that matched their existing equipment and operating requirements. Each screw was unique in design with bare pipe and special bores. The application required both left-hand and right-hand construction. Standard CEMA stock screws would not meet the dimensional and construction requirements, so a Made-to-Order solution was required to ensure proper fit and reliable operation.

KWS Advantage

KWS manufactured the left-hand and right-hand screws to WD Pumpco's exact specifications using abrasion-resistant carbon steel for strength and durability. KWS' custom manufacturing capabilities ensure each screw conveyor component is built to meet the unique demands of the customer's equipment and application.



Screws were Manufactured to WD Pumpco's Exact Specifications



Both Left-Hand and Right-Hand Screws with Abrasion-Resistant Flights were Required



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