473 MIX

Innovative Engineering. Superior Performance.

473 mix is an all-purpose, medium energy sintered metallic friction material. It is suitable for both wet and dry applications.

Wet properties are as follows:

GMP Friction Products has developed a wet friction dynamometer procedure for testing friction materials used in power transmission applications. The procedure is comprised of test sections to determine the coefficient of friction (dynamic and static), torque curve characteristics and wear properties for various load conditions. The parameters of inertia, speed, applied pressure, and oil temperature and flow are controlled as required per the procedure.

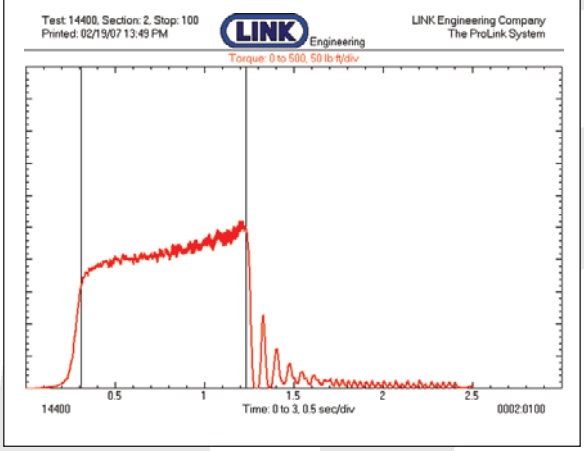
Baseline conditions – A Test
Dynamic coefficient of friction = 0.122
Static coefficient of friction = 0.173

Tendency for frictional change after heavy loading – H Test
Dynamic coefficient of friction = 0.121
Static coefficient of friction = 0.169

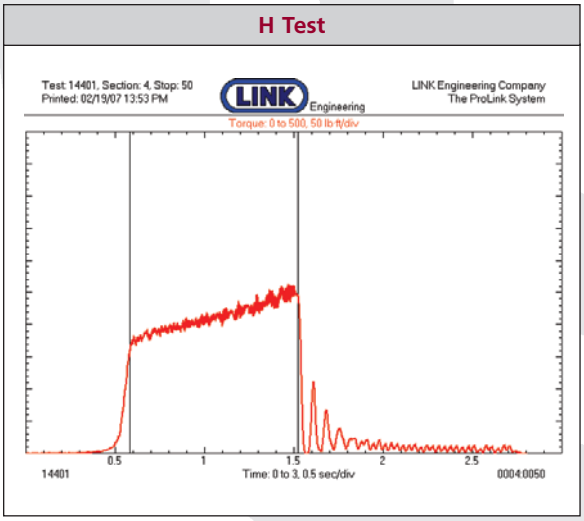
Capability to absorb energy to the point of failure – C Test
Peak specific power for 43,000 ft·lb flywheel energy = 5.2 hp/in^2

Torque curves for 473 mix in Chevron Drive Train Fluids HD (TO-4) oil.

A Test



H Test



GMP FRICTION PRODUCTS

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